

Connector Accessories

HITECH INDIA PRIVATE LIMITED

ACCESSORY



Introduction

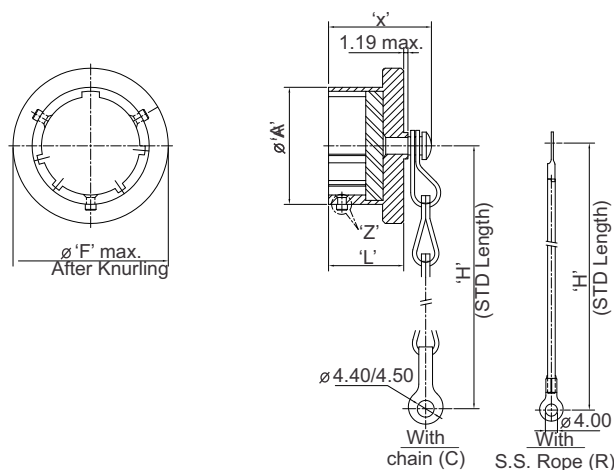
Hitech India India is a leading Designer, Manufacturer and Marketer of Interconnection solutions. Hitech India is the first Company in India who started manufacturing high performance connectors. These expertise and capabilities enables us to turn your interconnection problems to solutions.

Hitech India Protective caps are developed for environmental protection needs of Circular connectors in Threaded & Bayonet versions. These are designed to meet the requirements of military standards.

We also offer dummy storage receptacle to secure your cable harness when not in functional use. This catalogue describes the standard and special purpose designs used in Military and Industrial Circular connectors.

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MIL 26482 Protective Caps MS3180 & Ms3181



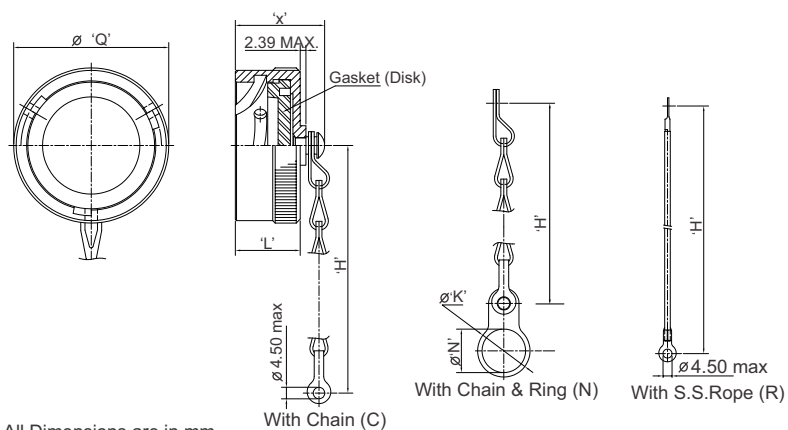
All Dimensions are in mm

All Dimensions are in mm						
Shell Size	Ø A Ref.	Ø F Max. Overall.	H +12.70/-6.35	L Max. Length	X Max. Overall	Ø F +0.00/-0.08 For Heavy Duty
08	12.01	18.26	76.20	14.27	19.84	22.10
10	14.99	21.44				24.86
12	19.05	25.40				29.24
14	22.22	28.58				32.41
16	25.40	31.75				35.58
18	28.58	34.92	101.60	15.88	21.44	38.22
20	31.75	38.10				41.94
22	34.92	41.28				45.11
24	38.10	44.45				48.18

Ordering Information (MIL Part Number)

Designates Plug Dust Cover	3180	10	C	W	L
Shell Size: 08, 10, 12, 14, 16, 18, 20, 22 & 24					
Style: C - With Chain R - With SS Rope					
Class: A - Hard Anodize black finish W - Cadmium plate finish L - Electroless Nickel Plating Finish K - Black Zinc Nickel Finish					
Length: L - 127.0 + 12.7/-6.35 chain/rope in lieu of std. length					

Note: For non. std. long "L" Contact factory



All Dimensions are in mm

Shell Size	H +12.70/-6.35	ϕK MAX.	L Max.	ϕN MIN	ϕQ MIN	X Max.
08	76.20	20.62	14.27	14.68	18.64	21.44
10		25.40		17.86	21.82	
12		30.18		22.63	25.40	
14		36.67		25.81	28.58	
16		39.67		28.98	31.75	
18		42.88	15.29	32.16	34.92	22.22
20		46.02		35.33	38.10	
22	101.60	49.23		38.51	41.28	
24		52.37		41.68	44.45	

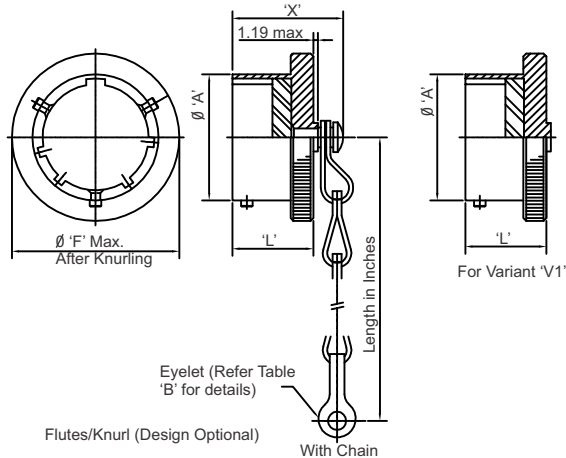
All Dimensions for reference only

Ordering Information (MIL Part Number)

Designates Receptacle Dust Cover	3181	10	C	W	L
Shell Size: 08, 10, 12, 14, 16, 18, 20, 22 & 24					
Style: C - With Chain N - With Chain & Ring. R - With SS Rope					
Class: A - Hard Anodize black finish W - Cadmium plate finish					
Length: L - 127.0 + 12.7/-6.35 chain/rope in lieu of std. length Leave blank for std. length					

Note: For non. std. long "L" Contact factory

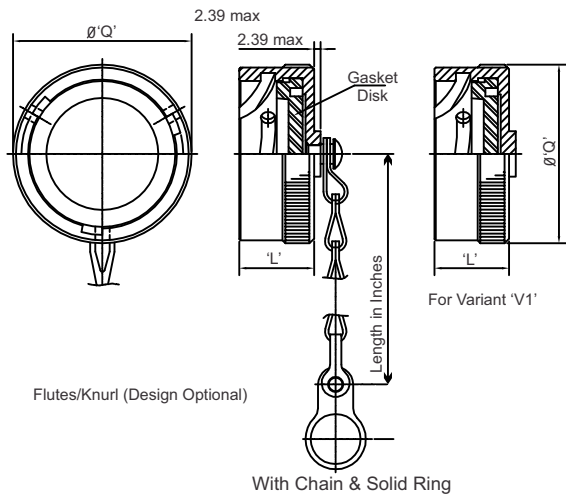
Metal Dust Cap Assembly For MIL 26482 Plug (08 to 24 Size)



All Dimensions are in MM

Shell Size	Ø A REF.	Max. Overall	L. Max. Length	X Max. Overall	Ø For H/D, D/CAP
08	12.01	18.26	14.27	19.84	22.10
10	14.99	21.44			24.86
12	19.05	25.40			29.24
14	22.22	28.58			32.41
16	25.40	31.75			35.58
18	28.58	34.92	15.88	21.44	38.22
20	31.75	38.10			41.94
22	34.92	41.28			45.11
24	38.10	44.45			48.18

Metal Dust Cap Assembly For MIL 26482 Receptacle (08 to 24 Size)



SHELL SIZE	L. MAX.	Ø N MIN.	Ø Q MAX.	X. MAX.
08	14.27	14.68	18.64	21.44
10		17.86	21.82	
12		22.63	25.40	
14		25.81	28.58	
16		28.98	31.75	
18	15.29	32.16	34.92	22.22
20		35.33	38.10	
22		38.51	41.28	
24		41.68	44.45	

Table B

Dash No.	INNER DIA ±0.30
00	NO EYELET
01	3.60
02	4.60
03	4.90
04	5.00
05	4.20
06	3.20
07	5.50
09	4.00

Table C

DASH NO.	Ø 'X' ±0.40
50	10.80
52	12.30
54	16.30
56	19.10
58	22.60
60	25.80
62	27.80
64	28.70
66	31.80
68	34.30
70	35.30
72	37.70
74	41.30
76	44.50
78	47.60
80	50.30
82	52.30
84	56.80
86	58.70
88	62.90
90	67.40
92	71.40
94	77.30

Table D

DASH NO.	Ø 'Y' ±0.40
08	11.90
10	15.10
12	18.20
13	19.40
14	21.40
15	22.60
16	24.60
17	25.80
18	27.80
19	29.00
20	30.60
21	32.10
22	34.10
23	36.90
24	37.70
25	40.10
27	41.70
28	42.80
29	44.80
30	48.00
31	49.60
32	50.00
33	52.80
35	54.40
36	55.50
40	61.10
44	67.50
48	77.00
118	7.90

Table E

DASH NO.	Ø 'Z' ±0.40
095	7.90
100	9.90
101	13.10
102	14.80
103	16.30
104	18.00
105	19.50
106	22.20
107	25.80
108	29.00
109	32.20
110	35.30
111	38.60
112	41.70
113	44.90
114	48.00
115	52.80
116	61.10
117	63.80
205	20.00
206	23.00
207	26.00
208	30.60
209	33.30
210	36.50
211	39.00
213	46.00
214	49.20
308	30.20

Ordering Information

Basic Series MIL 26482

3180- Plug Dust Cap
3181- Receptacle Dust Cap

Shell Size : 08, 10, 12, 14, 16, 18, 20, 22, & 25

Class: Aluminium
A - Hard Anodic
B - Zinc Nickel finish
F - 48 hrs. Electroless Nickel
T - PTFE Nickel Plating
W - 500 hrs. Cadmium Olive Drab
EB - Cad Free Zinc Cobalt-Olive Drab finish
FB- Cad Free Zinc Cobalt-Black finish
SD- Zinc Nickel finish (Black)
Composite
*J- Composite, Cadmium Olive Drab
*M- Composite, Electroless Nickel
NB- Nickel Aluminium Bronze
CD- S. Steel Passivated

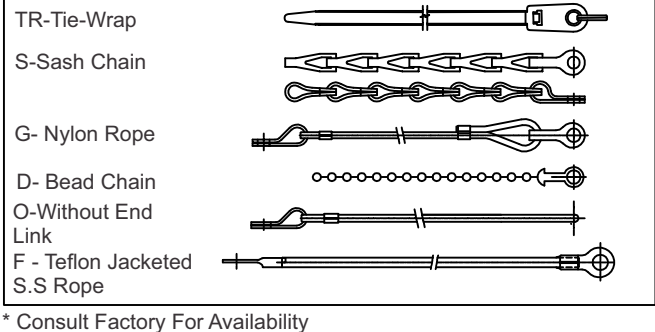
3180 -08 -A -F -01 -4 -V1

Variant: V1-Without Rivet & Attachment
* Neglect If Not Applicable
Cable Length (In Inches)
* Neglect If Not Applicable

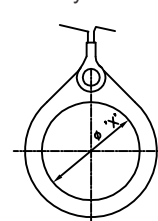
Dash No. for eyelet Table B
For Solid ring Table C, D & E
WF : With Ferrule (Supplied Loose)
O: With out Eyelet & ring
TR -With Tie- Wrap
* Neglect If Not Applicable

Type Of Attachment:
D-Bead Chain Passivated
F-Wire Rope With Teflon Jacket
G-Nylon Cord (Green)
S-Sash Chain Passivated
N-No Attachment
H--Wire Rope With Nylon Jacket
B-Nylon Cord (Black)
* Neglect If Not Applicable

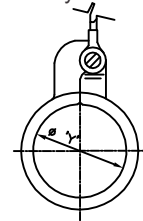
Type Of Attachment:



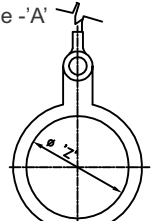
* Style '-C'

(For Details Refer Table 'C')
* Not Toolled

* Style '-B'

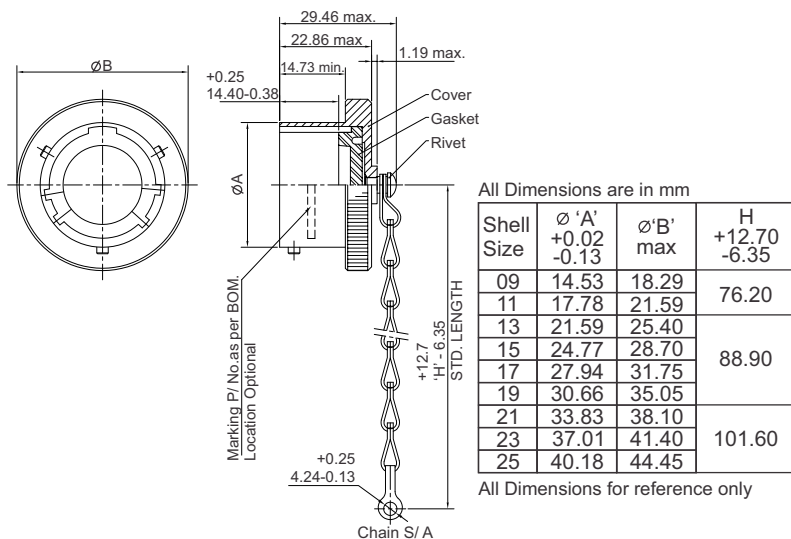
(For Details Refer Table 'D')
* Not Toolled

* Style '-A'



(For Details Refer Table 'E')

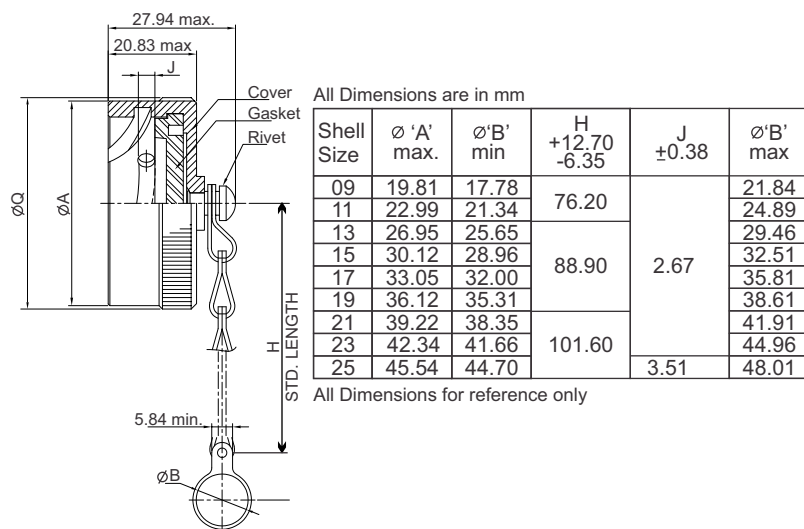
MIL DTL - D38999 SER I Plug Caps



Ordering Information

Designates Plug Dust Cover	27501	B	11	C	L
Shell Size: 09, 11, 13, 15, 17, 19, 21, 23 & 25					
Class: B-Cadmium plate olive drab finish C-Hard Anodize black finish F-Electroless nickel finish Z- Black Zinc Nickel finish					
Style: C-With chain A- Without chain					
Length L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length. Leave blank for std. length. 'H'					

Note: For non-standard long 'L' contact factory.

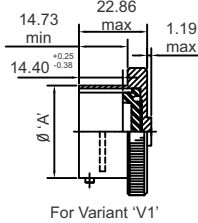
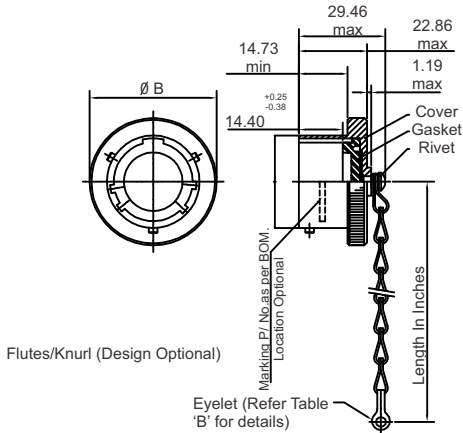


Ordering Information (MIL Part Number)

Designates Receptacle Dust Cover	27502	B	11	C	L
Shell Size: 09, 11, 13, 15, 17, 19, 21, 23 & 25					
Class: B-Cadmium plate olive drab finish C-Hard Anodize black finish F-Electroless Nickel finish Z- Black Zinc Nickel finish					
Style: C-With chain A- Without chain					
Length L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length. Leave blank for std. length. 'H'					

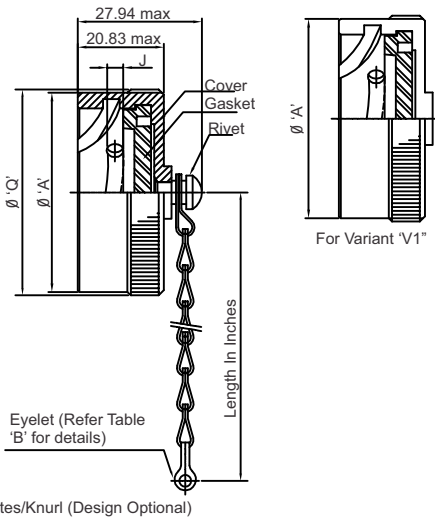
Note: For non-standard long 'L' contact factory.

Metal Dust Cap Assembly For D38999 Series-1 Plug Connector (09 To 25 Size)



SHELL SIZE	ØA +0.02 -0.13	ØB MAX.
09	14.53	20.83
11	17.78	23.88
13	21.59	27.18
15	24.77	30.23
17	27.94	33.53
19	30.66	36.58
21	33.83	39.88
23	37.01	42.93
25	40.18	46.23

Metal Dust Cap Assembly For D38999 Series-1 Receptacle Connector (09 To 25 Size)



SHELL SIZE	ØA MAX.	ØB MIN.	ØQ MAX.	J ±0.38
09	20.83	17.78	21.84	2.67
11	23.88	21.34	24.89	2.67
13	27.94	25.65	29.46	2.67
15	30.99	28.96	32.51	2.67
17	34.05	32.00	35.81	2.67
19	37.08	35.31	38.61	2.67
21	40.13	38.35	41.91	2.67
23	43.18	41.66	44.96	2.67
25	46.48	44.70	48.01	3.51

Table B

Dash No	INNER DIA ±0.30
00	NO EYELET
01	3.60
02	4.60
03	4.90
04	5.00
05	4.20
06	3.20
07	5.50
09	4.00

Table C

DASH NO.	Ø 'X'
50	10.80
52	12.30
54	16.30
56	19.10
58	22.60
60	25.80
62	27.80
64	28.70
66	31.80
68	34.30
70	35.30
72	37.70
74	41.30
76	44.50
78	47.60
80	50.30
82	52.30
84	56.80
86	58.70
88	62.90
90	67.40
92	71.40
94	77.30

Table D

DASH NO.	Ø 'Y'
08	11.90
10	15.10
12	18.20
13	19.40
14	21.40
15	22.60
16	24.60
17	25.80
18	27.80
19	29.00
20	30.60
21	32.10
22	34.10
23	36.90
24	37.70
25	40.10
27	41.70
28	42.80
29	44.80
30	48.00
31	49.60
32	50.00
33	52.80
35	54.40
36	55.50
40	61.10
44	67.50
48	77.00
118	7.90

Table E

DASH NO.	Ø 'Z'
095	7.90
100	9.90
101	13.10
102	14.80
103	16.30
104	18.00
105	19.50
106	22.20
107	25.80
108	29.00
109	32.20
110	35.30
111	38.60
112	41.70
113	44.90
114	48.00
115	52.80
116	61.10
117	63.80
205	20.00
206	23.00
207	26.00
208	30.60
209	33.30
210	36.50
211	39.00
213	46.00
214	49.20
308	30.20

ORDERING INFORMATION

Basic Series D38999 Series 1

27501-09-A-D-01-4-V1

27501- Plug Dust Cap
27502- Receptacle Dust Cap

Shell Size : 09, 11, 13, 15, 17, 19, 21, 23, & 25

Class: Aluminum
A - Hard Anodic
B - Zinc Nickel finish
F - 48 hrs. Electroless Nickel
T - PTFE Nickel Plating
W - 500 hrs. Cadmium Olive Drab
EB - Cad Free Zinc Cobalt-Olive Drab finish
FB - Cad Free Zinc Cobalt-Black finish
SD - Zinc Nickel finish (Black)
Composite
*J- Composite, Cadmium Olive Drab
*M Composite Electroless Nickel
NB-Nickel Aluminium Bronz
CD- S. Steel Passivated

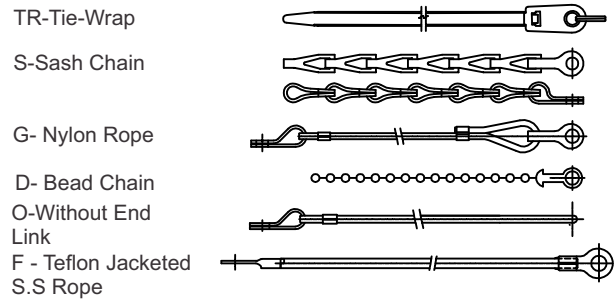
Variant:
V1-Without Rivet & Attachment
* Neglect If Not Applicable

Cable Length (In Inches)
* Neglect If Not Applicable

Dash No.
for eyelet Table B
For Solid ring Table C, D & E
WF : With Ferrule (Supplied Loose)
O; With out Eyelet & ring
TR -With Tie- Wrap
* Neglect If Not Applicable

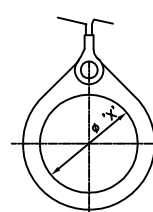
Type Of Attachment:
D-Bead Chain Passivated
F-Wire Rope With Teflon Jacket
G-Nylon Cord (Green)
S-Sash Chain Passivated
N-No Attachment
H--Wire Rope With Nylon Jacket
B-Nylon Cord (Black)
* Neglect If Not Applicable

Type Of Attachment:



* Consult Factory For Availability

* Style -'C'



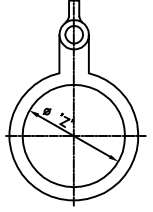
(For Details Refer Table 'C')
* Not Toolled

* Style -'B'



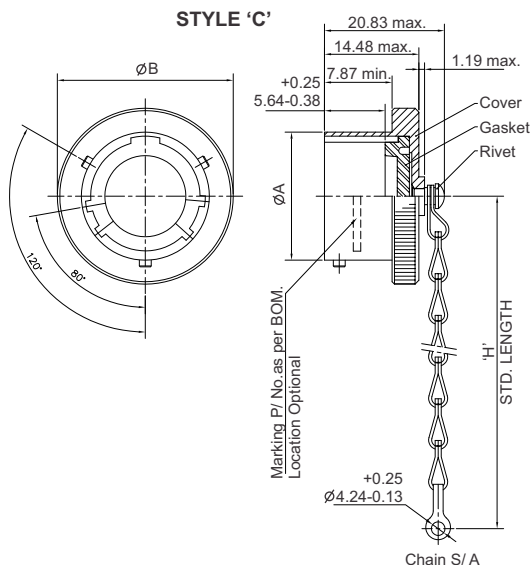
(For Details Refer Table 'D')
* Not Toolled

* Style -'A'



(For Details Refer Table 'E')

MIL DTL - D38999 Series II Caps



All Dimensions are in mm

Shell Size	Ø 'A' +0.02 -0.13	Ø 'B' max OVERALL	H +12.70 -6.35
08	12.01	18.29	76.20
10	14.99	21.59	
12	19.05	25.40	
14	22.22	28.70	
16	25.40	31.75	88.90
18	28.58	35.05	
20	31.75	38.10	
22	34.92	41.40	101.60
24	38.10	44.45	

All Dimensions for reference only

Ordering Information (MIL Part Number)

Designates Plug Dust Cover

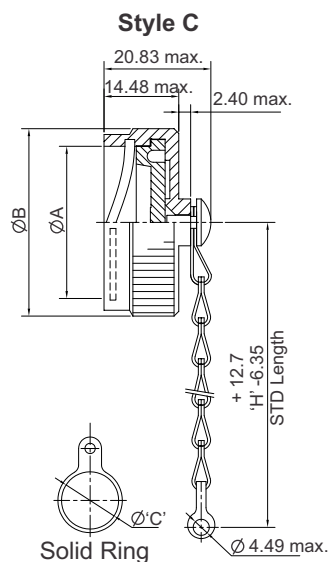
Shell Size: 08, 10, 12, 14, 16, 18, 20, 22 & 24

Class:
B-Cadmium plate olive drab finish
C-Hard Anodize black finish
F-Electroless Nickel finish
Z- Black Zinc Nickel Finish

Style: C-With chain
A- Without chain

Length
L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length.
Leave blank for std. length. 'H'

Note: For non-standard long 'L' contact factory.



All Dimensions are in mm

Shell Size	Ø 'A' max.	Ø 'B' min	'C' max	H max.
08	16.00	19.05	22.61	76.20
10	19.23	21.82	25.65	
12	23.77	26.19	28.96	
14	27.28	29.36	32.0	88.90
16	29.77	32.54	35.31	
18	33.12	35.71	38.35	
20	36.45	38.89	41.66	101.60
22	39.62	41.68	44.70	
24	42.88	44.86	48.0	

All Dimensions for reference only

Flutes/Knurl (Design Optional)

Ordering Information (MIL Part Number)

Designates Receptacle Dust Cover

Shell Size: 08, 10, 12, 14, 16, 18, 20, 22 & 24

Class:
B-Cadmium plate olive drab finish
C-Hard Anodize black finish
F-Electroless Nickel finish
Z- Black Zinc Nickel finish

Style:
C-With chain
A- Without chain
N-With chain & ring
R-S.S. Rope hole 3.28 max. (08 to 22 size)
3.68 max. (24 size)

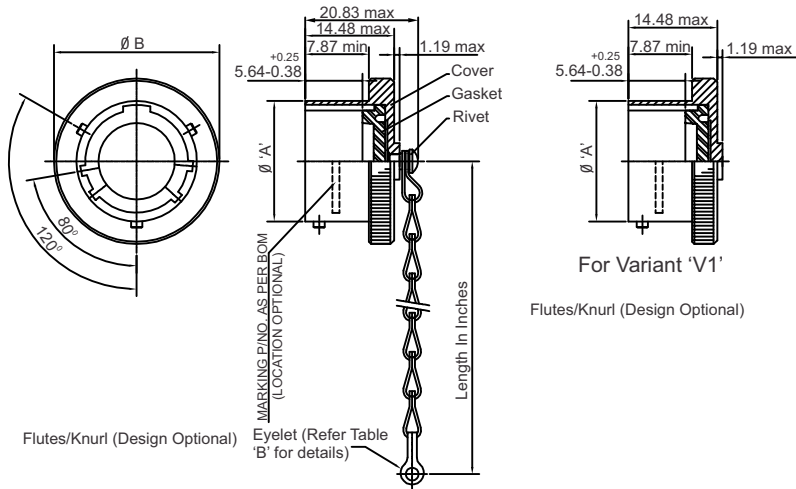
Length
L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length.
Leave blank for std. length. 'H'

Note: For non-standard long 'L' contact factory.

Note: For non-standard long 'L' contact factory.

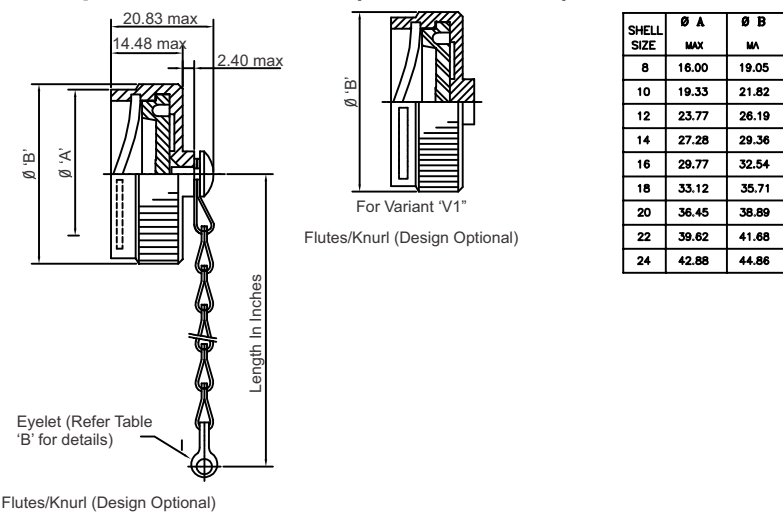
MIL D3899 II Protective Caps

Metal Dust Cap Assembly For D38999 Series-II Plug Connector (09 To 25 Size)



SHELL SIZE	#A +0.02 -0.13	#B max OVERALL
08	12.01	18.29
10	14.99	21.59
12	19.05	25.40
14	22.22	28.70
16	25.40	31.75
18	28.58	35.05
20	31.75	38.10
22	34.92	41.40
24	38.10	44.45

Metal Dust Cap Assembly For D38999 Series-II Receptacle Connector (09 To 25 Size)



Dash No	Inner DIA ±0.30
00	NO EYELET
01	3.60
02	4.60
03	4.90
04	5.00
05	4.20
06	3.20
07	5.50
09	4.00

DASH NO.	Ø 'X' ±0.40
50	10.80
52	12.30
54	16.30
56	19.10
58	22.60
60	25.80
62	27.80
64	28.70
66	31.80
68	34.30
70	35.30
72	37.70
74	41.30
76	44.50
78	47.60
80	50.30
82	52.30
84	56.80
86	58.70
88	62.90
90	67.40
92	71.40
94	77.30

DASH NO.	Ø 'Y' ±0.40
08	11.90
10	15.10
12	18.20
13	19.40
14	21.40
15	22.60
16	24.60
17	25.80
18	27.80
19	29.00
20	30.60
21	32.10
22	34.10
23	36.90
24	37.70
25	40.10
27	41.70
28	42.80
29	44.80
30	48.00
31	49.60
32	50.00
33	52.80
35	54.40
36	55.50
40	61.10
44	67.50
48	77.00
118	7.90

ORDERING INFORMATION

Basic Series D38999 Series-II

27511-10-A-S-01-4-V1

27501- Plug Dust Cap
27511- Receptacle Dust Cap

Shell Size: 08, 10, 12, 14, 16, 18, 20, 22, & 24

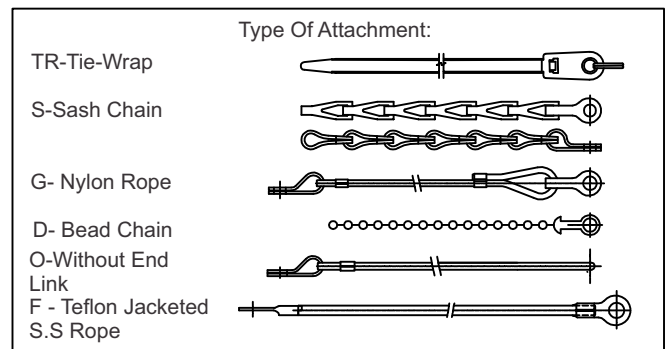
Class: Aluminum
A - Hard Anodic
B - Zinc Nickel finish
F - 48 hrs. Electroless Nickel finish
T - PTFE Nickel Plating
W - 500 hrs. Cadmium Olive Drab
EB - Cad Free Zinc Cobalt-Olive Drab finish
FB - Cad Free Zinc Cobalt-Black finish
SD - Zinc Nickel finish (Black)
Composite
*J- Composite, Cadmium Olive Drab
*M Composite Electroless Nickel
NB- Nickel Aluminum Bronze
CD- S. Steel Passivated

Variant: V1-Without Rivet & Attachment
* Neglect If Not Applicable

Cable Length (In Inches)
* Neglect If Not Applicable

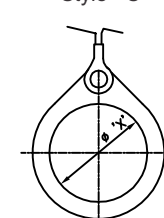
Dash No. for eyelet Table B
For Solid ring Table c, D & E
WF : With Ferrule (Supplied Loose)
O: With out Eyelet & ring
TR- With Tie- Wrap
* Neglect If Not Applicable

Type Of Attachment:
D- Bead Chain Passivated
F- Wire Rope With Teflon Jacket
G- Nylon Cord (Green)
S- Sash Chain Passivated
N- No Attachment
H- Wire Rope With Nylon Jacket
B- Nylon Cord (Black)
* Neglect If Not Applicable



* Consult Factory For Availability

* Style '-C'



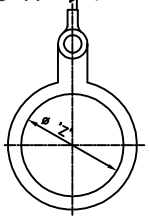
(For Details Refer Table 'C')
* Not Toolled

* Style '-B'



(For Details Refer Table 'D')
* Not Toolled

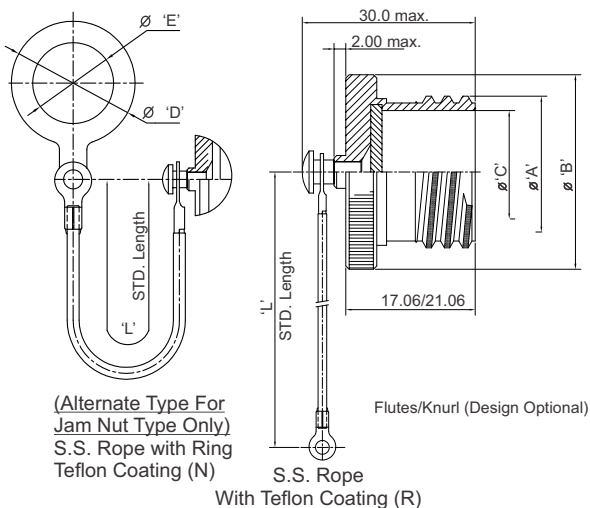
* Style '-A'



(For Details Refer Table 'E')

MIL D3899 III Protective Caps D38999/33 & D38999/32

Ordering Information (MIL Part Number)



38999/32 W 15 R

Designates Plug Dust Cover

Class: F - Electroless nickel finish.
W- Aluminium, 500 hrs cadmium olive drab.
Z- Black Zinc Nickel finish

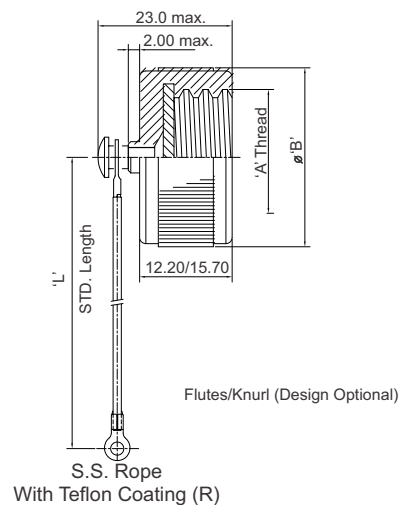
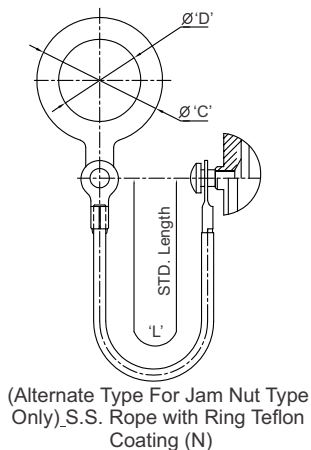
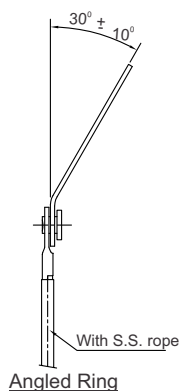
Shell Size : 09, 11, 13, 15, 17, 19, 21, 23, & 25

Style: R - Rope
N - With rope & ring.

All Dimensions are in mm

Shell Size	'A' Thread -2A-0.1P -0.3L-TS	ØB Max	'C' +0.0 -0.15	ØD Max	ØE Min	'L' +13.0 -7.0
09	0.625"	23.0	12.50	24.0	13.0	127
11	0.750"	26.0	15.75	27.0	18.0	
13	0.875"	31.0	19.53	30.0	20.0	
15	1.000"	33.0	22.71	31.0	23.0	
17	1.1875"	37.0	25.88	37.0	26.0	
19	1.250"	40.0	28.55	40.0	29.0	
21	1.375"	44.0	31.72	44.0	32.0	
23	1.500"	46.0	34.80	45.0	34.0	
25	1.625"	50.0	38.07	49.0	39.0	

All Dimensions for reference only



Ordering Information (MIL Part Number)

All Dimensions are in mm

Shell Size	'A' Thread -2A-0.1P -0.3L-TS	ØB Max	'C' Max	ØD Min	'L' +13.0 -7.0
09	0.625"	23.0	27.0	17.64	127
11	0.750"	28.0	32.0	21.97	
13	0.875"	31.0	37.0	25.15	
15	1.000"	32.0	40.0	29.92	
17	1.1875"	37.0	44.0	32.0	
19	1.250"	39.0	46.0	36.27	
21	1.375"	42.0	49.0	38.25	
23	1.500"	45.0	54.0	42.62	
25	1.625"	49.0	56.0	44.45	

All Dimensions for reference only

38999/33 W 15 R

Designates Receptacle Dust Cover

Class:-
F - Electroless nickel finish.
W- Aluminium, 500 hrs cadmium olive drab.
Z- Black Zinc Nickel finish

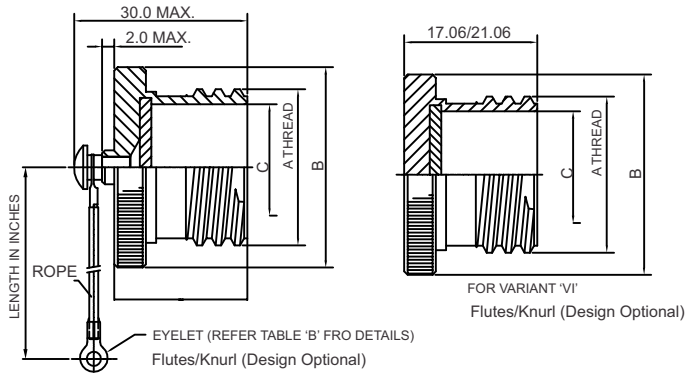
Shell Size : 09, 11, 13, 15, 17, 19, 21, 23, & 25

Style-
R - Rope
N - With rope & ring.

Note: For non. std. long "L" Contact factory

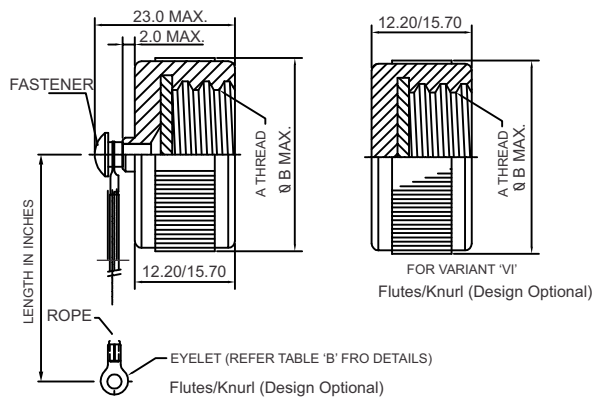
MIL 38999 Series III Protective Caps

D38999 SERIES III PLUG DUST CAP (ITV 32)



SHELL SIZE	'A' THREAD-2A -0.1P-0.3L-TS	ØB max	'C' +0.00 -0.15
09	0.625"	23.0	12.50
11	0.750"	26.0	15.75
13	0.875"	31.0	19.53
15	1.000"	33.0	22.71
17	1.1875"	37.0	25.88
19	1.250"	40.0	28.55
21	1.375"	44.0	31.72
23	1.500"	46.0	34.90
25	1.625"	50.0	38.07

38999 SERIES III RECEPTACLE DUST CAP (ITV 33)



SHELL SIZE	'A'-0.1P-0.3L T.S THREAD - 2B	'B' max dia
09	0.625"	23.0
11	0.750"	28.0
13	0.875"	31.0
15	1.000"	32.0
17	1.1875"	37.0
19	1.250"	39.0
21	1.375"	42.0
23	1.500"	45.0
25	1.625"	49.0

Dash No	INNER DIA ±0.30
00	NO EYELET
01	3.60
02	4.60
03	4.90
04	5.00
05	4.20
06	3.20
07	5.50
09	4.00

DASH NO.	Ø 'X' ±0.40
50	10.80
52	12.30
54	16.30
56	19.10
58	22.60
60	25.80
62	27.80
64	28.70
66	31.80
68	34.30
70	35.30
72	37.70
74	41.30
76	44.50
78	47.60
80	50.30
82	52.30
84	56.80
86	58.70
88	62.90
90	67.40
92	71.40
94	77.30

DASH NO.	Ø 'Y' ±0.40
08	11.90
10	15.10
12	18.20
13	19.40
14	21.40
15	22.60
16	24.60
17	25.80
18	27.80
19	29.00
20	30.60
21	32.10
22	34.10
23	36.90
24	37.70
25	40.10
27	41.70
28	42.80
29	44.80
30	48.00
31	49.60
32	50.00
33	52.80
35	54.40
36	55.50
40	61.10
44	67.50
48	77.00
118	7.90

DASH NO.	Ø 'Z' ±0.40
095	7.90
100	9.90
101	13.10
102	14.80
103	16.30
104	18.00
105	19.50
106	22.20
107	25.80
108	29.00
109	32.20
110	35.30
111	38.60
112	41.70
113	44.90
114	48.00
115	52.80
116	61.10
117	63.80
205	20.00
206	23.00
207	26.00
208	30.60
209	33.30
210	36.50
211	39.00
213	46.00
214	49.20
308	30.20

ORDERING INFORMATION

Basic Series
D38999 III

33 - Plug Dust Cap
33 - Receptacle Dust Cap

Shell Size : 09, 11, 13, 15, 17, 19, 21, 23, & 25

Class:Alumimium
A - Hard Anodic
B - Zinc Nickel finish
F - 48 hrs. Electroless Nickel finish
W - 500 hrs. Cadmium Olive Drab
EB - Cad Free Zinc Cobalt-Olive Drab finish
FB- Cad Free Zinc Cobalt-Black finish
SD- Zinc Nickel finish (Black)
Composite
*J- Composite, Cadmium Olive Drab
*M Composite Electroless Nickel
NB-Nickel Aluminium Bronze
CD- S. Steel Passivated

Variant:
V1-Without Rivet & Attachment
* Neglect If Not Applicable

Cable Length (In Inches)
* Neglect If Not Applicable

Dash No.
for eyelet Table B
For Solid ring Table c, D & E
WF : With Ferrule (Supplied Loose)
O; With out Eyelet & ring
TR--With Tie- Wrap
* Neglect If Not Applicable

Type Of Attachment:
D-Bead Chain Passivated
F-Wire Rope With Teflon Jacket
G-Nylon Cord (Green)
S-Sash Chain Passivated
N-No Attachment
H--Wire Rope With Nylon Jacket
B-Nylon Cord (Black)
* Neglect If Not Applicable

Type Of Attachment:

TR-Tie-Wrap

S-Sash Chain

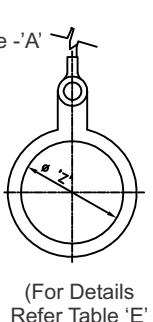
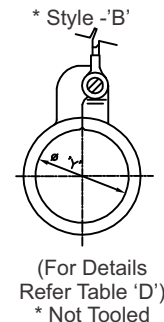
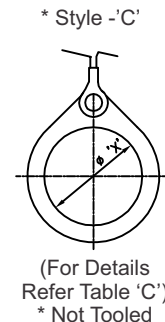
G- Nylon Rope

D- Bead Chain

O-Without End Link

F-Teflon Jacketed S.S. Rope

* Consult Factory For Availability

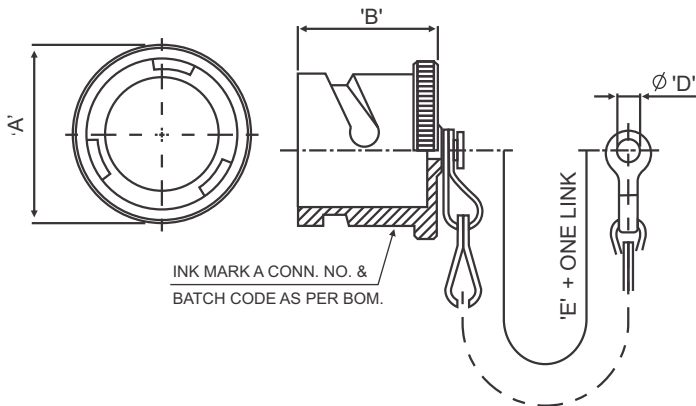


MIL C5015 Reverse Bayonet Caps 97B-25042-XX & 97B 25043-XX

Other Accessories Protective Cap for 97B Series

97B-25042

For Plugs



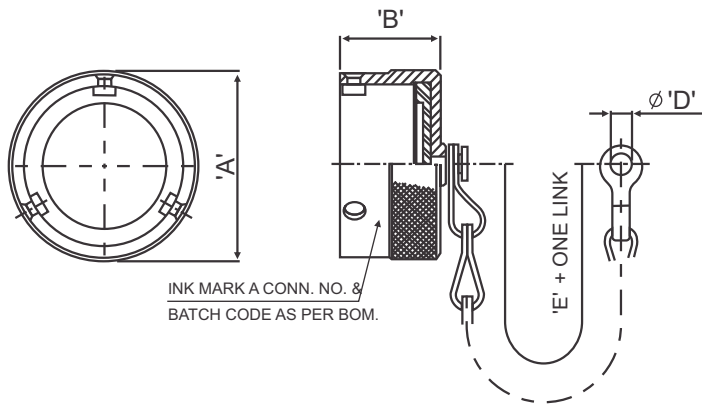
All dimensions are in mm

PART NUMBER	SHELL SIZE	'A' MAX.	'B' MAX.	'D' + 0.60/-0	'E' MIN.
97 B - 25042 - 10SL	10 SL	21.0	23.50	4.30	90.0
97 B - 25042 - 14S	14 S	27.50			100.0
97 B - 25042 - 16S	16 S	30.0			115.0
97 B - 25042 - 16	16	33.50	31.50	4.70	130.0
97 B - 25042 - 18	18	37.0			
97 B - 25042 - 20	20	40.0			
97 B - 25042 - 22	22	43.0		5.50	190.0
97 B - 25042 - 24	24	49.50			
97 B - 25042 - 28	28	56.0			
97 B - 25042 - 32	32	62.50			
97 B - 25042 - 36	36	68.50			
97 B - 25042 - 40	40				

Protective Cap For 97B Series

97B-25043

For Receptacle



All dimensions are in mm

PART NUMBER	SHELL SIZE	'A' MAX.	'B' ± 0.20	'D' + 0.60/-0	'E' MIN.
97 B - 25043 - 10SL	10 SL	23.0	16.0	4.30	90.0
97 B - 25043 - 14S	14 S	30.0			100.0
97 B - 25043 - 16S	16 S	32.50			115.0
97 B - 25043 - 16	16	37.0	20.70	5.50	160.0
97 B - 25043 - 18	18	40.50			
97 B - 25043 - 20	20	43.50			
97 B - 25043 - 22	22	47.0		5.50	160.0
97 B - 25043 - 24	24	54.0			
97 B - 25043 - 28	28	60.50			
97 B - 25043 - 32	32	67.0			
97 B - 25043 - 36	36	73.0			
97 B - 25043 - 40	40				

Note :- Please add 07 suffix for bigger end link. Applicable for Jam Nut

97B-25043-XX-624-LXX-V1

97B- Reverse Bayonet caps
MS- Threaded Caps

25042 - Caps for plug
25043 - Caps for receptacle

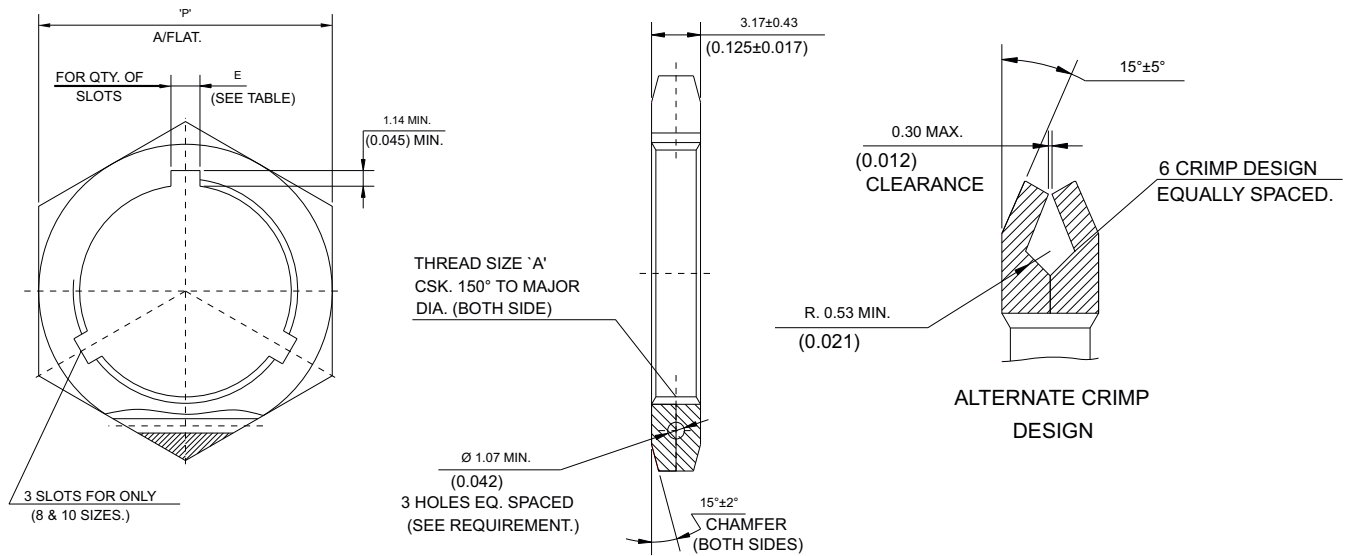
Shell Size 10sl To 36

Cap w/o chain & rivet hole

For non - std length specified in cm.

A23 Electroless Nickel Finish
624 : Zn CO Black
622 : Zn Co Green
610 : Hard Anodize finish
(Standard supplied Cadmium green colour)

Panel Nut (QPL) D38999 Series III & IV



Dimensions

Dash No.	Shell size		'A' Thread Size	Modified Minor Dia	P Hex.
	Ser-III	Ser-IV			
1	09	---	M17X1-6H	16.04/16.15	24.0 21.82
2	11	---	M20X1-6H	19.07/19.15	27.0 24.99
3	13	11	M25X1-6H	---	32.0 29.77
4	15	13	M28X1-6H	---	36.0 32.91
5	---	15	M31X1-6H	---	41.0 39.26
6	17	---	M32X1-6H	---	37.0 36.12
7	---	17	M34X1-6H	---	41.0 39.25
8	19	---	M35X1-6H	---	41.0 39.25
9	21	19	M38X1-6H	---	46.0 42.47
10	23	21	M41X1-6H	---	50.0 45.61
11	25	23	M44X1-6H	---	51.23 49.25
12	---	25	M47X1-6H	---	55.0 53.54

Requirements:

Material - Panel Nut : Machined Aluminium Alloy

Used in Connector : MIL-DTL-38999, Series III, & IV (Jam Nut Receptacle)

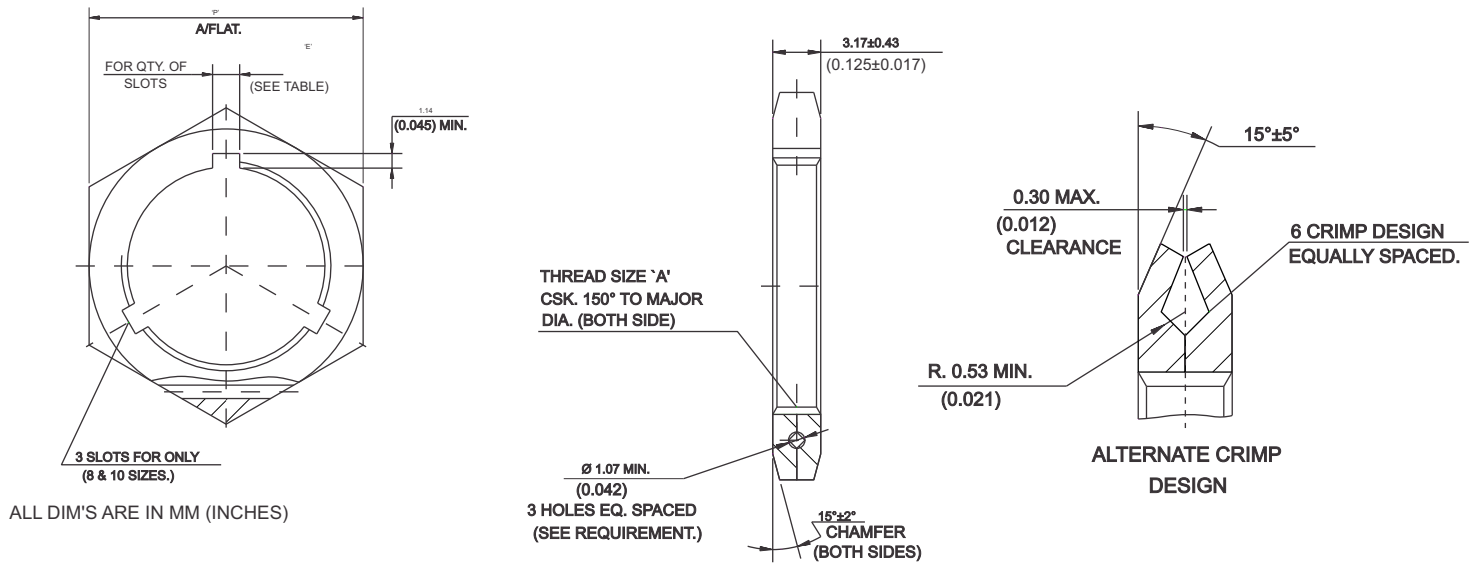
Ordering Information: (QPL)

Specification Sheet Number	JD38999	/28	-11	F	C
MIL Number Prefix					
Specification Sheet Number					
Dash Number (see sheet 1)			(see note 3)		
Class:					
F - Electroless Nickel Finish					
W - Aluminium, 500 hrs. Cadmium Olive Drab					
Safety Wire Holes					(see note 4)

Ordering Information: (Proprietary)

Series Number	ITV	/28	-11	F	C
Specification Sheet Number					
Dash Number (see sheet 1)					
Class:Alumimium					
A - Hard Anodic					
B - Zinc Nickel finish					
F - 48 hrs. Electroless Nickel finish					
W - Aluminium, 500 hrs. Cadmium Olive Drab					(see note 3)
EB - Cad Free Zinc Cobalt-Olive Drab finish					
FB- Cad Free Zinc Cobalt-Black finish					
NB-Nickel Aluminium Bronz					
CD- S. Steel Passivated					
Safety Wire Holes					(see note 4)

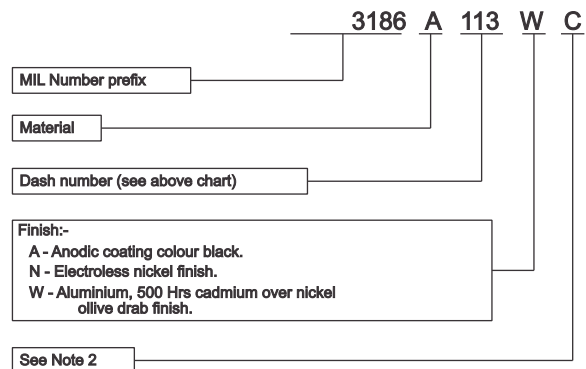
Panel Nut D38999 Series I & MIL 26482



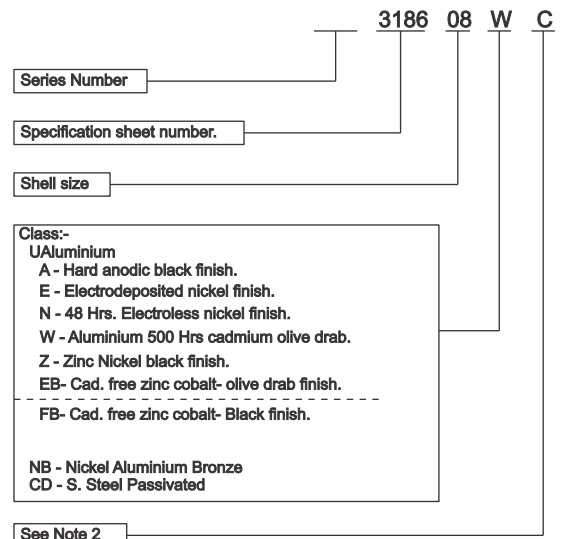
(MILITARY PART NUMBER.)

For conn. Shell size (ref.)				UDIMENSION'S			
Dash Number	MIL-DTL -26482	MIL-DTL -38999 Ser-I	MIL-DTL -26482 Ser-II	'A' Thread Size. -2B	'E' MAX.	'P' ±0.43 ±(0.017)	'S' MIN. NO. OF SLOTS
102	08	--	--	0.5625-24UNEF	3.43 (0.135)	19.05 (0.750)	3
106	10	09	--	0.6875-24UNEF		22.22 (0.750)	
108	--	11	--	0.8125-20UNEF		25.40 (1.000)	
109	12	--	08	0.875-20UNEF		26.97 (1.062)	
111	14	13	10	1.000-20UNEF		30.17 (1.188)	
113	16	15	12	1.125-18UNEF	4.88 (0.192)	33.32 (1.312)	1
116	18	17	14	1.250-18UNEF		36.52 (1.438)	
117	20	19	16	1.375-18UNEF		39.67 (1.562)	
120	22	21	18	1.500-18UNEF		42.87 (1.688)	
121	24	23	20	1.625-18UNEF		46.02 (1.812)	
122	--	25	22	1.750-18UNEF		50.80 (2.000)	
123	--	--	24	1.875-16UN		53.95 (2.125)	

ORDERING INFORMATION:



ORDERING INFORMATION:



Plug Dust Cap (MS25042)

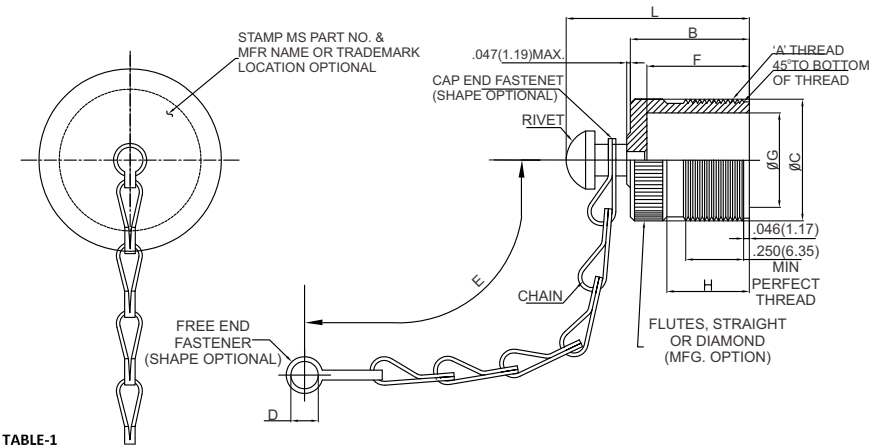


TABLE-1

DASH NO (-)	COUPLING SHELL SIZE (REF)	A THREAD (PRE AS8879)	'B' MAX	'C' MAX DIA	ØD +.010 (0.27) - .005 (0.12)	E ±1 LINK	F	G DIA	H MIN.	L MAX	SHELL SIZE RANGE (REF)
8	8S	.500-28 UNEF-2A	.656 (16.7)	.562 (14.3)	.156 (4.0)	4.000 (101.6)	.562 (14.3)	.375 (9.5)	.380 (9.7)	.969 (24.6)	SMALL
10	10S,10SL	.625-24 UNEF-2A		.687 (17.4)				.469 (11.9)			
12	12,12SL	.750-20 UNEF-2A		.812 (20.6)				.562 (14.3)			
14	14,14SL	.875-20 UNEF-2A		.937 (23.8)				.688 (17.5)			
16	16,16SL	1.000-20 UNEF-2A		1.062 (27.0)		4.500 (114.3)		.812 (20.5)			
18	18	1.125-18 UNEF-2A	.844 (21.4)	1.187 (30.1)	.187 (4.7)	5.000 (127.0)	.750 (19.1)	.938 (23.8)	.530 (13.5)	1.156 (29.4)	MEDIUM
20	20	1.250-18 UNEF-2A		1.312 (33.3)				1.062 (27.0)			
22	22	1.375-18 UNEF-2A		1.437 (36.5)				1.188 (30.2)			
24	24	1.500-18 UNEF-2A		1.562 (39.7)				1.312 (33.3)			
28	28	1.750-18 UNS-2A		1.812 (46.0)				1.531 (38.9)			
32	32	2.000-18 NS-2A		2.062 (52.4)	.218 (5.5)	7.750 (196.9)		1.781 (45.2)	.590 (15.0)		LARGE
36	36	2.250-16 UN-2A		2.312 (58.7)				2.000 (50.8)			
40	40	2.500-16 UN-2A		2.562 (65.1)				2.250 (57.2)			
44	44	2.750-16 UN-2A		2.812 (71.4)				2.500 (63.5)			
48	48	3.000-16 UN-2A		3.062 (77.8)				2.750 (69.9)			

How To Order			
Military #	MS25042	-10	D
Hitech India #	25042	-10	D
Basic No.	Dash No.		Finish
	Refer Table-1		Refer Table-2

Receptacle Dust Cap (MS 25043)

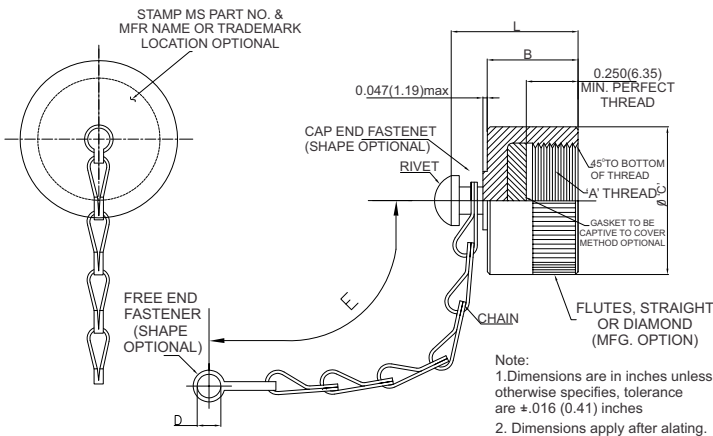
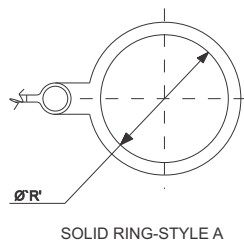
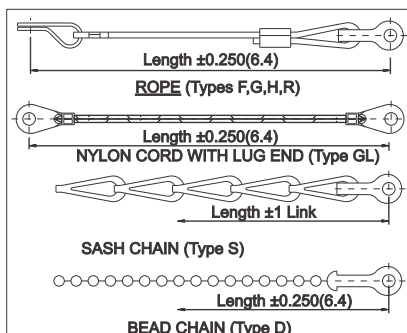
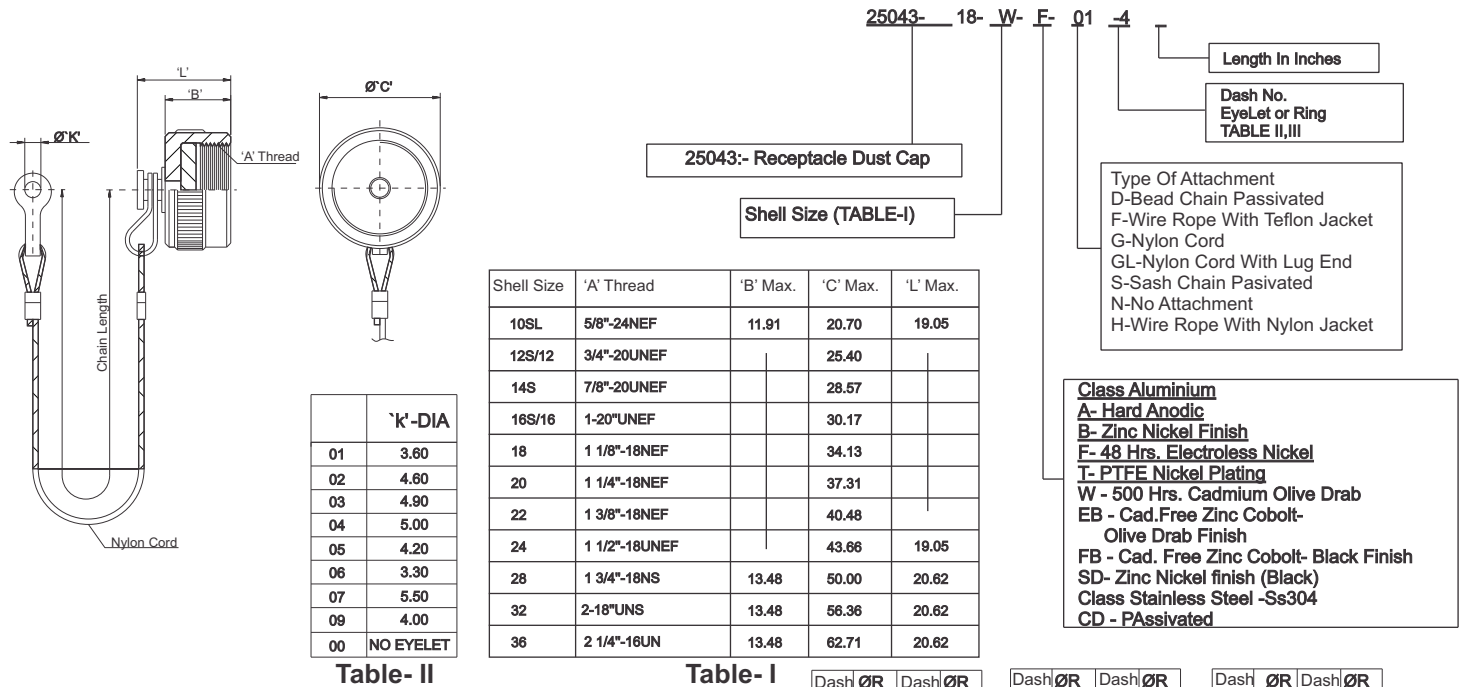
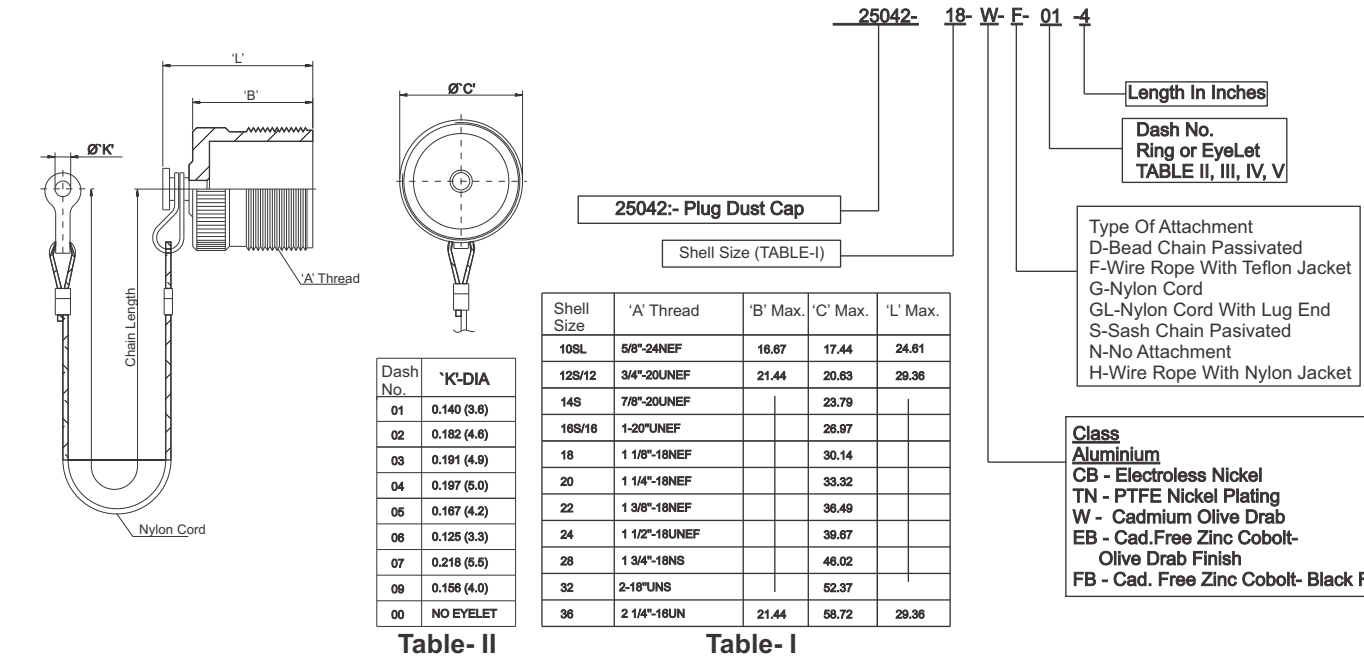


Table-2 Finish

Finish Code	Finish Description
D	Cadmium Olive Drab Over Electroless Nickel
DA	Black Anodizer Per AMS-8625, Type II, Class 2

Dash No (-)	Coupling Shell Size (REF)	A Thread (PRE AS8879)	B MAX	C MAX DIA	ØD +.010 (0.27) - .005 (0.12)	E ±1 Link	L MAX	SHELL SIZE RANGE (REF)
8	8S	.500-28 UNEF-2B	.469 (11.9)	.688 (17.5)	.140 (3.6)	4.000 (101.6)	.750 (19.1)	SMALL
10	10S,10SL	.625-24 UNEF-2B		.813 (20.7)				
12	12,12SL	.750-20 UNEF-2B		1.000 (25.4)				
14	14,14SL	.875-20 UNEF-2B		1.125 (28.6)		4.500 (114.3)		
16	16,16SL	1.000-20 UNEF-2B		1.188 (30.2)				
18	18	1.125-18 UNEF-2B	.531 (13.5)	1.344 (34.1)	.171 (4.3)	5.000 (127.0)	.812 (20.6)	MEDIUM
20	20	1.250-18 UNEF-2B		1.469 (37.3)				
22	22	1.375-18 UNEF-2B		1.594 (40.5)		5.500 (139.7)		
24	24	1.500-18 UNEF-2B		1.719 (43.7)				
28	28	1.750-18 UNS-2B		1.969 (50.0)				
32	32	2.000-18 NS-2B		2.219 (56.4)	.187 (4.7)	7.750 (196.9)		LARGE
36	36	2.250-16 UN-2B		2.469 (62.7)				
40	40	2.500-16 UN-2B		2.718 (69.0)				
44	44	2.750-16 UN-2B		2.969 (75.4)				
48	48	3.000-16 UN-2B		3.188 (81.0)				

How To Order			
Military #	MS25043	-10	D
Hitech India #	A25043	-10	D
Basic No.	Dash No.		Finish
	Refer Table-1		Refer Table-2



Dash No.	ØR ± 0.4	Dash No.	ØR ± 0.4
50	10.8	74	41.3
52	12.3	76	44.5
54	16.3	78	47.6
56	19.1	80	50.3
58	22.6	82	52.3
60	25.8	84	56.8
62	27.8	86	58.7
64	28.7	88	62.9
66	31.8	90	67.4
68	34.3	92	71.4
70	35.3	94	77.3
72	37.7		

Table - V

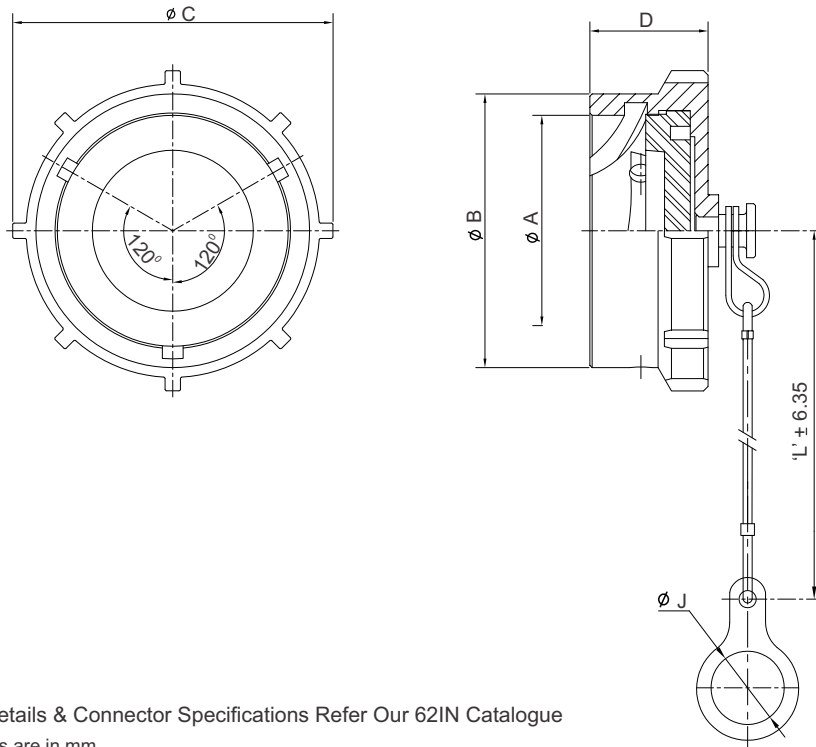
Dash No.	ØR ± 0.4	Dash No.	ØR ± 0.4
08	11.9	24	37.7
10	15.1	26	40.1
12	18.2	27	41.7
13	19.4	28	42.8
14	21.4	29	44.8
15	22.6	30	48.0
16	24.6	31	49.6
17	25.8	32	50.0
18	27.8	33	52.8
19	29.0	35	54.4
20	30.6	36	55.5
21	32.1	40	61.1
22	34.1	44	67.5
23	36.9	48	77.0
		118	7.9

Table - IV

Dash No.	ØR ± 0.4	Dash No.	ØR ± 0.4
085	7.9	108	32.2
100	9.9	209	33.3
101	13.1	110	35.3
102	14.8	210	36.5
103	16.3	111	38.6
104	18.0	211	39.0
105	19.5	112	41.7
205	20.0	113	44.9
106	22.2	213	46.0
206	23.0	114	48.0
107	25.8	214	49.2
207	28.0	115	52.8
108	29.0	116	61.1
308	30.2	117	63.6
208	30.6		

Table - III

MIL C26482 Heavy Duty Cap 62IN - 1069 - XX For Receptacle



For Other Details & Connector Specifications Refer Our 62IN Catalogue

All Dimensions are in mm

Shell Size	ϕ 'A' Min.	ϕ 'B'	ϕ 'C' Max	ϕ 'D' ± 0.25	ϕ 'J' ± 0.25	'L' LENGTH
08	12.22	17.60	22.66	13.13	14.69	76.20
10	15.29	20.35	26.84		17.86	
12	19.33	24.50	29.01		22.64	
14	22.48	27.90	32.19		25.81	88.90
16	25.05	31.07	36.94		28.99	
18	28.85	33.33	39.70		32.16	
20	32.0	36.89	42.85	14.15	35.35	101.60
22	35.18	40.06	45.65		38.51	
24	38.35	43.14	48.82		41.68	

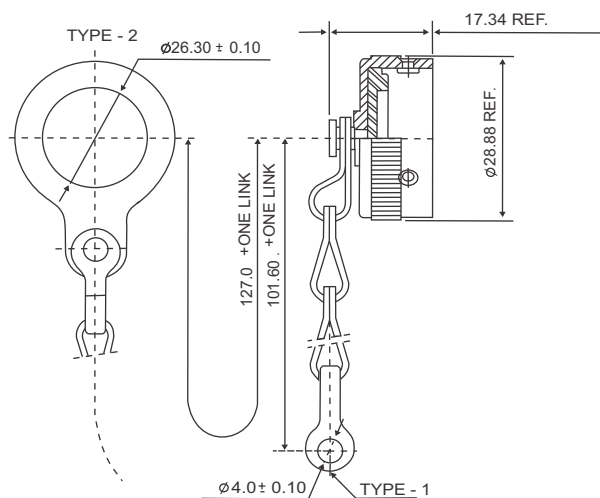
All Dimensions for reference only

Ordering Information

62IN-1069-10-XXX

Series	Shell Size
D/Cap Type	Plating Finish

MIL-C 1054 Dust Cap for 10 Pin Audio Connector

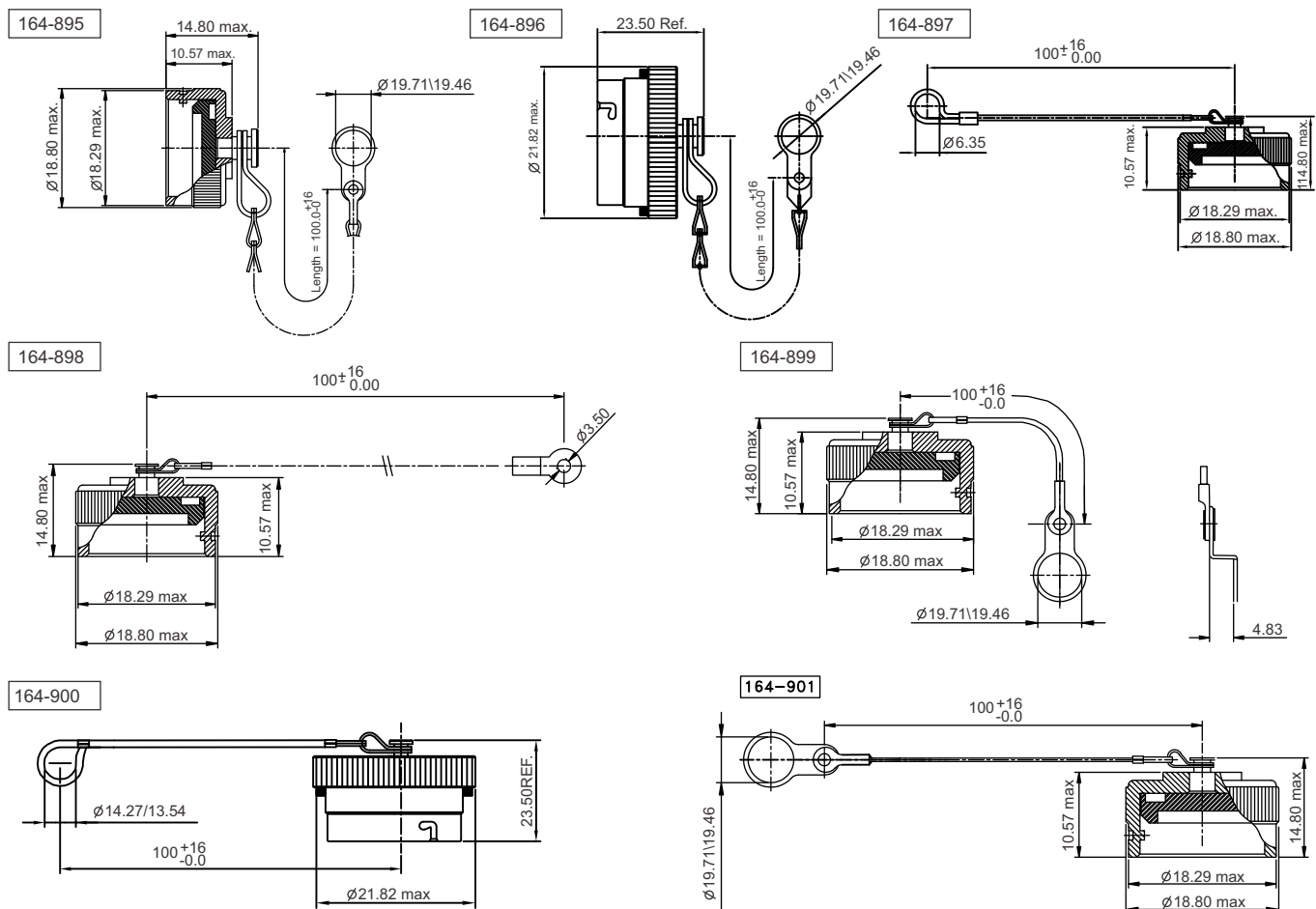


All dimensions in mm

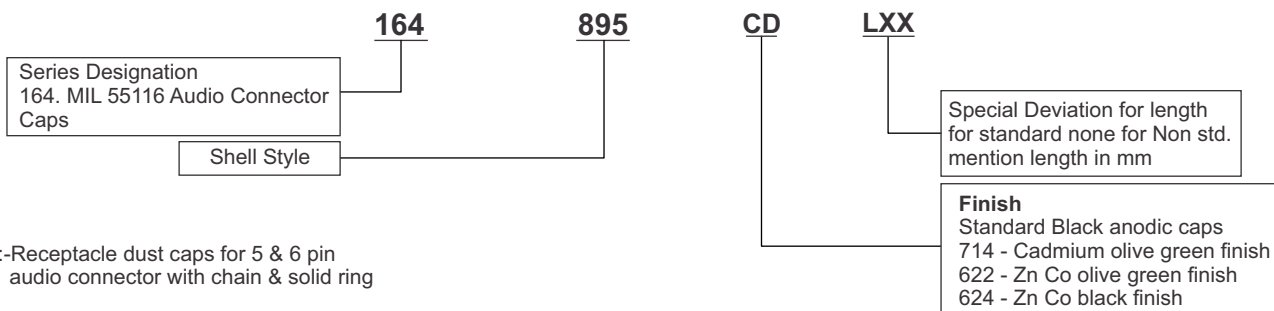
Table 1

Dust Cap No.	Link Type	Cap Finish
164-377	Type-2	Black Anodised
164-377-714	Type-2	Cadmium Plate with Electroless Under Coat
164-377-01	Type-1	Black Anodised
164-377-01-714	Type-1	Cadmium Plate with Electroless Under Coat

MIL DTL - 55116 Protective Caps For Audio connector (5 & 6 Pin)



ORDERING INFORMATION FOR 164 DUST CAP



895:-Receptacle dust caps for 5 & 6 pin audio connector with chain & solid ring

896:-Plug dust caps for 5 & 6 pin audio connector with chain & solid ring

897:-Receptacle dust caps for 5 & 6 pin audio connector with nylon rope & loop

898:-Receptacle dust caps for 5 & 6 pin audio connector with nylon rope & SS lug

899:-Receptacle dust caps for 5 & 6 pin audio connector with SS rope & lug

900:-Plug dust caps for 5 & 6 pin audio connector with SS rope & loop

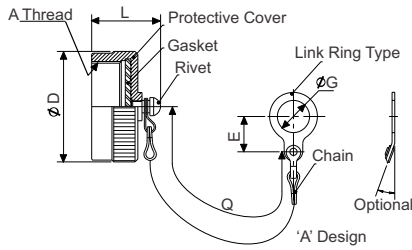
901:-Receptacle dust caps for 5 & 6 pin audio connector with nylon rope & solid ring

MATERIAL

Cover : Machined Alluminium Alloy
Gasket : Silicon elastomer
Chain : Stainless steel passivated
Ring : Stainless steel passivated
SS Rope : Stainless steel teflon coated
Rope : Nylon (olive green)
Fastners : Stainless steel passivated

MIL C-22992 Dust Cap (AQWLD)

Receptacle Dustcap (AQWLD-17349)



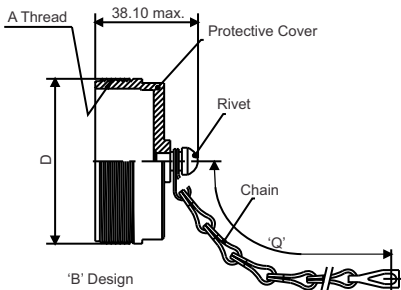
All dimensions are in mm

	MS Part No.	A Thread 2B Double Start	ØD MAX.	E MIN.	L MAX.	ØG MIN.	Q
	MS17349C12*	0.875-0.1P-0.2L-DS	27.80	21.10	19.43	25.80	127.00
	MS17349C14*	1.000-0.1P-0.2L-DS	31.00	22.10		29.00	
	MS17349C16*	1.1250-0.1P-0.2L-DS	34.10	24.60		32.20	
	MS17349C18*	1.250-0.1P-0.2L-DS	37.30	25.70	24.90	35.30	152.40
	MS17349C20*	1.375"-0.1P-0.2L-DS	39.70	28.40		38.50	
	MS17349C22*	1.500"-0.1P-0.2L-DS	42.90	30.20		41.70	
	MS17349C24*	1.750-0.1P-0.2L-DS	49.30	33.80		48.00	
	MS17349C28*	2.000"-0.1P-0.2L-DS	56.40	37.60		54.40	
	MS17349C32*	2.250-0.1P-0.2L-DS	62.70	41.10		60.70	
	MS17349C36*	2.500-0.1P-0.2L-DS	69.10	45.00		67.10	
	MS17349C40*	2.750-0.1P-0.2L-DS	75.40	48.50		73.40	

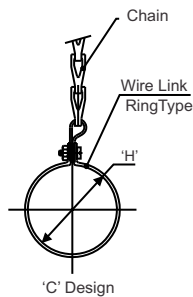
*Add attaching ring A, B, or C.

Plug Dustcap (AQWLD-17350)

All dimensions are in mm



'B' Design



'C' Design

	MS Part No.	A Thread 2A Double Start	ØD MAX.	ØH MIN.	Q -0.0 +1 LINK
	MS17350C10*	0.750-0.1P-0.2L-DS	20.60	18.30	127.00
	MS17350C12*	0.875-0.1P-0.2L-DS	23.80	21.40	
	MS17350C14*	1.000-0.1P-0.2L-DS	27.00	24.70	
	MS17350C16*	1.1250-0.1P-0.2L-DS	30.20	27.70	
	MS17350C18*	1.250-0.1P-0.2L-DS	33.30	30.90	
	MS17350C20*	1.375"-0.1P-0.2L-DS	36.50	34.00	
	MS17350C22*	1.500"-0.1P-0.2L-DS	39.70	37.30	152.40
	MS17350C24*	1.750-0.1P-0.2L-DS	46.00	43.60	
	MS17350C28*	2.000"-0.1P-0.2L-DS	52.40	50.00	
	MS17350C32*	2.250-0.1P-0.2L-DS	58.70	56.30	
	MS17350C36*	2.500-0.1P-0.2L-DS	65.10	62.70	
	MS17350C40*	2.750-0.1P-0.2L-DS	71.40	70.60	

*Add attaching ring A, B, or C.

Series
AQWLD

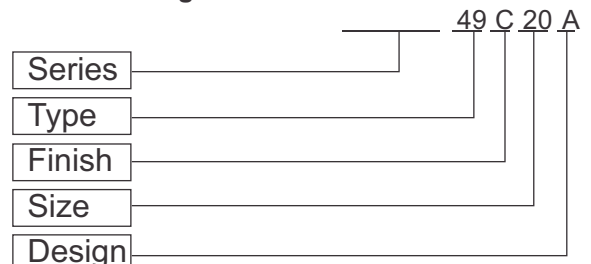
Type
AQWLD 17349 - Cap for Receptacle
AQWLD 17350 - Cap for Plug

Finish
N - Black Anodized (Non-conductive)
C - Cadmium over electroless nickel (Conductive)

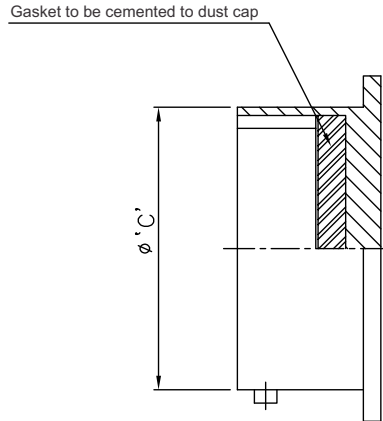
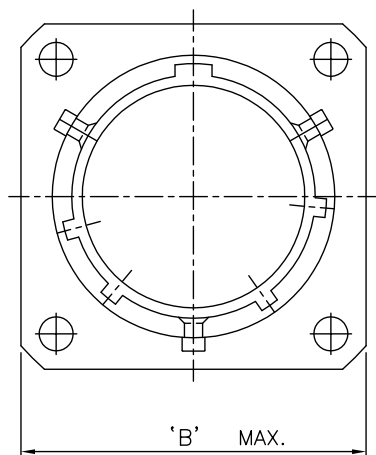
Size
12 14 16 18 20 22 24 28 32 36 40

Design
A - Chain & mounting ring
B - Chain without ring
C - Chain with clip

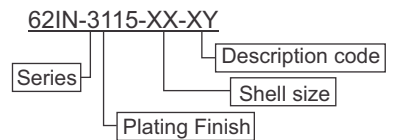
Ordering Information



MIL 26482 Dummy Receptacle

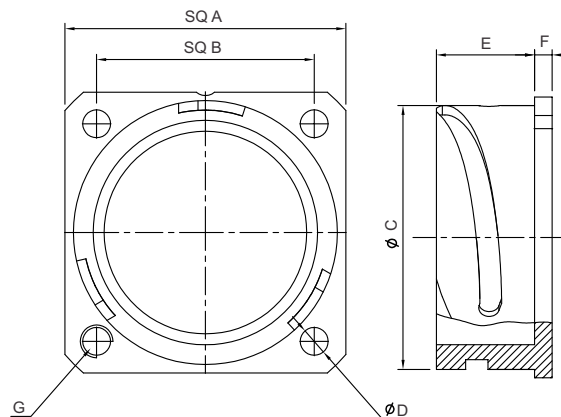


Shell Size	'B' Sq.	'C' ±0.08
08	20.62	11.96
10	23.80	14.94
12	26.59	18.97
14	28.58	22.17
16	31.34	25.32
18	33.32	28.52
20	36.50	31.70
22	39.67	34.87
24	42.85	38.05

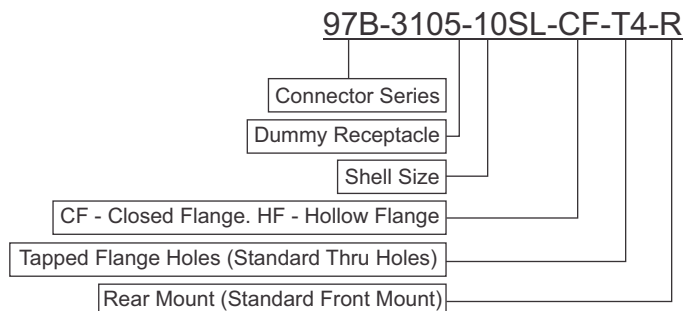


MIL 5015 Dummy Receptacle Bayonet

Front Panel Mounting Dummy Receptacles Rear Side Closed

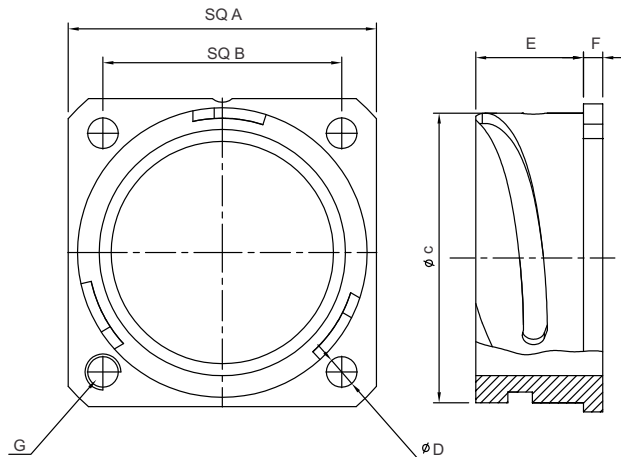


Part No.	'A' +0.18 -0.20	'B' ±0.13	Ø'C' +0.00 -0.13	Ø'D' +0.10 -0.00	'E' +0.30 -0.00	'F' +0.18	'G'
97B-3105-10SL-CF	25.40	18.20	18.20	3.20	14.20	2.80	M4
97B-3105-14SL-CF	30.00	23.00	23.00	3.20	14.20	3.20	M4
97B-3105-16SL-CF	32.50	24.60	24.60	3.20	14.20	3.20	M4
97B-3105-16-CF	32.50	24.60	24.60	3.20	19.00	3.20	M4
97B-3105-18-CF	35.00	27.00	30.80	3.20	19.00	4.00	M4
97B-3105-20-CF	38.00	29.40	34.20	3.20	19.00	4.00	M4
97B-3105-22-CF	41.00	31.80	37.40	3.20	19.00	4.00	M4
97B-3105-24-CF	44.50	34.90	40.90	3.70	20.60	4.00	M4
97B-3105-28-CF	50.80	39.70	46.70	3.70	20.60	4.00	M5
97B-3105-32-CF	57.10	44.50	53.40	4.30	22.20	4.00	M5
97B-3105-36-CF	63.50	49.20	59.60	4.30	22.20	4.00	M5
97B-3105-40-CF	69.90	55.50	65.50	4.30	22.20	4.00	M5



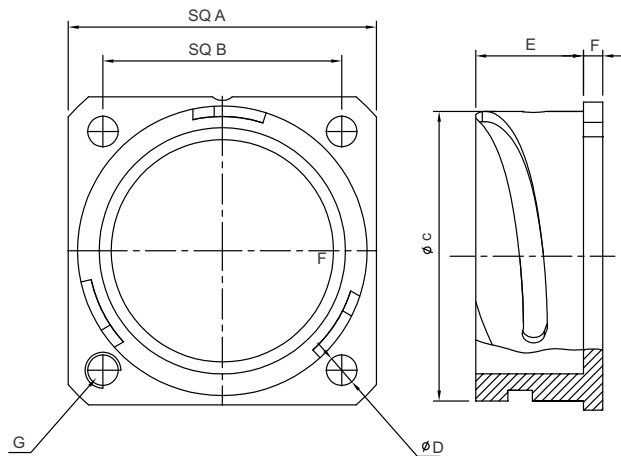
MIL 5015 Bayonet Dummy Receptacle

Front Panel Mounting Dummy Receptacles Rear Side Opened



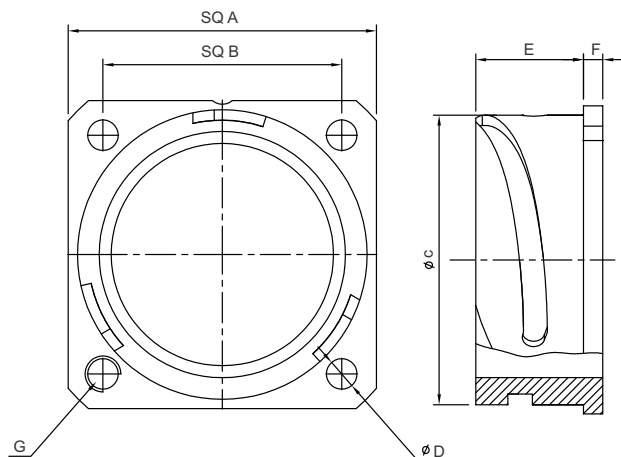
Part No.	'A' +0.18 -0.20	'B' ±0.13	∅'C' +0.00 -0.13	∅'D' +0.10 -0.00	'E' +0.30 -0.00	'F' ±0.18	'G'
97B-3105-10SL-HF	25.40	18.20	18.20	3.20	14.20	2.80	M4
97B-3105-14SL-HF	30.00	23.00	23.00	3.20	14.20	3.20	M4
97B-3105-16SL-HF	32.50	24.60	24.60	3.20	14.20	3.20	M4
97B-3105-16-HF	32.50	24.60	24.60	3.20	19.00	3.20	M4
97B-3105-18-HF	35.00	27.00	30.80	3.20	19.00	4.00	M4
97B-3105-20-HF	38.00	29.40	34.20	3.20	19.00	4.00	M4
97B-3105-22-HF	41.00	31.80	37.40	3.20	19.00	4.00	M4
97B-3105-24-HF	44.50	34.90	40.90	3.70	20.60	4.00	M4
97B-3105-28-HF	50.80	39.70	46.70	3.70	20.60	4.00	M5
97B-3105-32-HF	57.10	44.50	53.40	4.30	22.20	4.00	M5
97B-3105-36-HF	63.50	49.20	59.60	4.30	22.20	4.00	M5
97B-3105-40-HF	69.90	55.50	65.50	4.30	22.20	4.00	M5

Back Panel Mounting Dummy Receptacles Rear Side Closed



Part No.	'A' +0.18 -0.20	'B' ±0.13	∅'C' +0.00 -0.13	∅'D' +0.10 -0.00	'E' +0.30 -0.00	'F' ±0.18	'G'
97B-3105-10SL-CF	25.40	18.20	18.20	3.20	18.30	2.80	M4
97B-3105-14SL-CF	30.00	23.00	24.60	3.20	18.30	3.20	M4
97B-3105-16SL-CF	32.50	24.60	27.40	3.20	18.30	3.20	M4
97B-3105-16-CF	32.50	24.60	27.40	3.20	23.15	3.20	M4
97B-3105-18-CF	35.00	27.00	30.80	3.20	23.15	4.00	M4
97B-3105-20-CF	38.00	29.40	34.20	3.20	23.15	4.00	M4
97B-3105-22-CF	41.00	31.80	37.40	3.20	23.15	4.00	M4
97B-3105-24-CF	44.50	34.90	40.90	3.70	23.15	4.00	M4
97B-3105-28-CF	50.80	39.70	46.70	3.70	24.15	4.00	M5
97B-3105-32-CF	57.10	44.50	53.40	4.30	24.15	4.00	M5
97B-3105-36-CF	63.50	49.20	59.60	4.30	24.15	4.00	M5
97B-3105-40-CF	69.90	55.50	65.50	4.30	24.15	4.00	M5

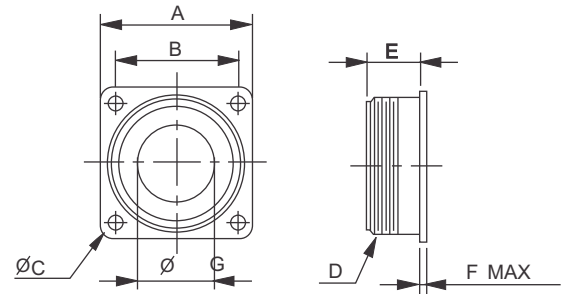
Front Back Mounting Dummy Receptacles Rear Side Opened



Part No.	'A' +0.18 -0.20	'B' ±0.13	∅'C' +0.00 -0.13	∅'D' +0.10 -0.00	'E' +0.30 -0.00	'F' ±0.18	'G'
97B-3105-10SL-HF	25.40	18.20	18.20	3.20	18.30	2.80	M4
97B-3105-14SL-HF	30.00	23.00	24.60	3.20	18.30	3.20	M4
97B-3105-16SL-HF	32.50	24.60	27.40	3.20	18.30	3.20	M4
97B-3105-16-HF	32.50	24.60	27.40	3.20	23.15	3.20	M4
97B-3105-18-HF	35.00	27.00	30.80	3.20	23.15	4.00	M4
97B-3105-20-HF	38.00	29.40	34.20	3.20	23.15	4.00	M4
97B-3105-22-HF	41.00	31.80	37.40	3.20	23.15	4.00	M4
97B-3105-24-HF	44.50	34.90	40.90	3.70	23.15	4.00	M4
97B-3105-28-HF	50.80	39.70	46.70	3.70	24.15	4.00	M5
97B-3105-32-HF	57.10	44.50	53.40	4.30	24.15	4.00	M5
97B-3105-36-HF	63.50	49.20	59.60	4.30	24.15	4.00	M5
97B-3105-40-HF	69.90	55.50	65.50	4.30	24.15	4.00	M5

MIL 5015 Threaded Dummy Receptacle

Other Accessories Dummy Receptacle MS-3105



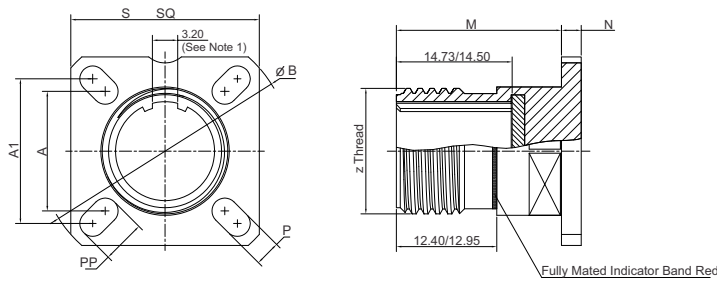
All dimensions are in mm

Part number (see note)	A	B	C	D Thread in inches	E	F max.	G
MS-3105-10S	25.4	18.26	3.05	5/8-24	14.27	3.96	8.20
MS-3105-12S	27.79	20.62	3.05	3/4-20	14.27	3.96	11.43
MS-3105-12	27.79	20.62	3.05	3/4-20	19.05	3.96	11.43
MS-3105-14S	30.17	23.01	3.05	7/8-20	14.27	3.96	13.36
MS-3105-14	30.17	23.01	3.05	7/8-20	19.05	3.96	13.36
MS-3105-16S	32.54	24.61	3.05	1-20	14.27	3.96	16.41
MS-3105-16	32.54	24.61	3.05	1-20	19.05	3.96	16.41
MS-3105-18	34.92	26.97	3.05	1 1/8-18	19.05	5.16	18.03
MS-3105-20	38.10	29.36	3.05	1 1/4-18	19.05	5.16	23.54
MS-3105-22	41.27	31.75	3.05	1 3/8-18	19.05	5.16	25.93
MS-3105-24	44.45	34.92	3.73	1 1/2-18	20.62	5.16	29.21
MS-3105-28	50.8	39.67	3.73	1 3/4-18	20.62	5.16	34.67
MS-3105-36	63.5	49.22	4.39	2 1/4-16	22.2	9.11	46.56

Note: The dash number also indicates shell size.

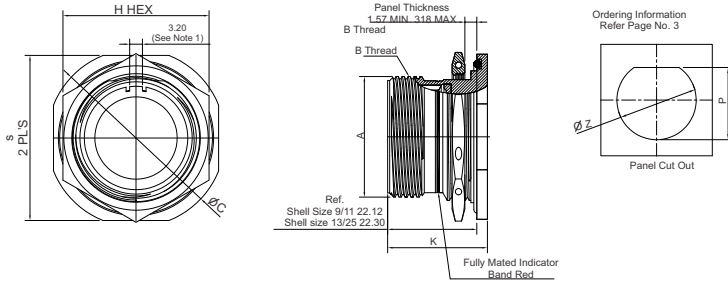
Dummy Receptacle

Wall Mounting Receptacle



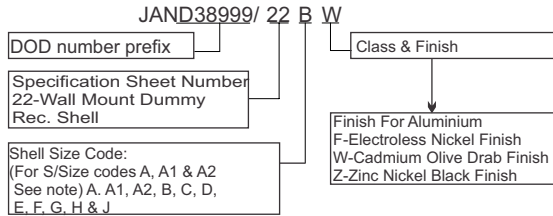
SHELL SIZE	MIL CODE	A	A1	B	M	N	P	PP	S	'Z'
	A			±0.20			±0.20	±0.20	MAX.	-2A R.H. THREAD
09	A1	15.09	18.26	31.75					24.10	5/8" 0.1P--3L-TS
	A2									
11	B	18.26	20.62	34.93	20.83	2.50	3.25	4.93	26.50	3/4" 0.1P--3L-TS
13	C	20.62	23.01	38.10					28.90	7/8" 0.1P--3L-TS
15	D	23.01	24.61	41.28					31.30	1.0" 0.1P--3L-TS
17	E	24.61	26.97	44.45					33.70	1 3/16" 0.1P--3L-TS
19	F	26.97	29.36	47.63					36.90	1 1/4" 0.1P--3L-TS
21	G	29.36	31.75	50.80					40.10	1 3/8" 0.1P--3L-TS
23	H	31.75	34.93	55.58	20.07	3.20	3.91	6.15	43.30	1 1/2" 0.1P--3L-TS
25	J	34.93	38.10	60.33					46.40	1 5/8" 0.1P--3L-TS

Jam Nut Receptacle



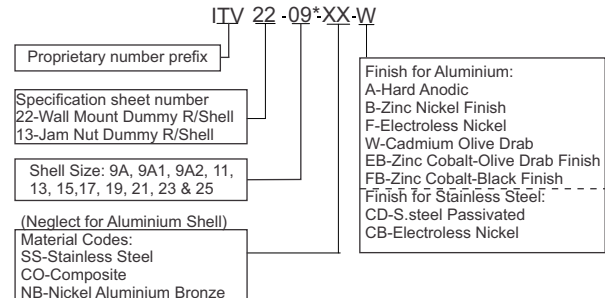
SHELL SIZE	A	-0.25	B THRAD CLASS 01P-03L-TS	2A	C MAX.	H HEX. +0.43 -0.41	#Z +0.25	P	S±0.25	K±0.25
09	16.99		.6250	30.45	22.23	17.6	16.7	26.97	24.77	
11	19.53		.7500	35.2	25.4	20.96	19.59	31.75	24.77	
13	24.26		.8750	38.38	30.18	25.65	24.26	34.93	24.94	
15	27.53		1.0000	41.55	33.32	28.83	27.56	38.10	24.94	
17	30.68		1.1875	44.73	36.53	32.01	30.73	41.28	24.94	
19	33.86		1.2500	49.5	39.67	35.18	33.91	46.02	25.73	
21	37.06		1.3750	52.65	42.80	38.35	37.08	49.23	25.73	
23	40.01		1.5000	55.85	46.02	41.53	40.26	52.37	25.73	
25	43.41		1.6250	59.0	50.8	44.70	43.43	55.58	25.73	

Ordering Information: (MIL - Grade)

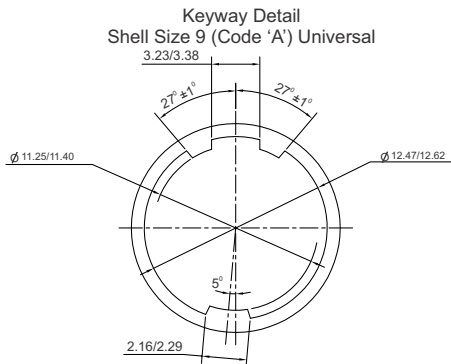


- * Note: For shell size 9 only
- a) Shell size code 'A' is for universal configuration for use with plugs with mating key polarizations A, B, C, D, E & N.
- b) Shell size code 'A1' is for use with plugs with mating key polarizations C, E & N.
- c) Shell size code 'A2' is for use with plugs with mating key polarizations A, B & D.

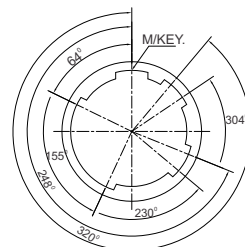
Ordering Information: (Proprietary)



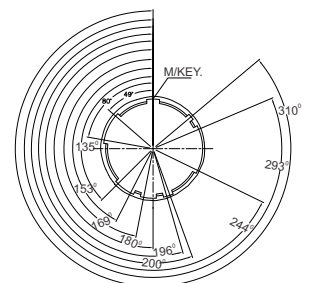
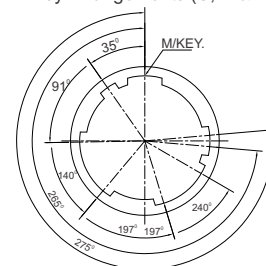
- * Note: For shell size 9 only
- Shell size code 'A' is for universal key orientation
- Shell size code 'A1' is for use universal key orientation 'C' 'E' & 'N'
- Shell size code 'A2' is for use universal key orientation 'A' 'B' & 'D'



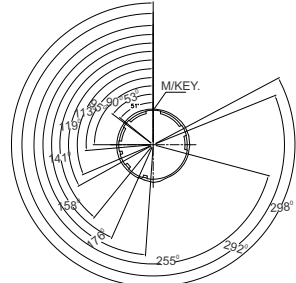
Keyway Detail
Shell Size 9 (Code 'A2')
Key Arrangements (A, B & D)



Keyway Detail
Shell Size 9 (Code 'A1')
Key Arrangements (C, E & N)

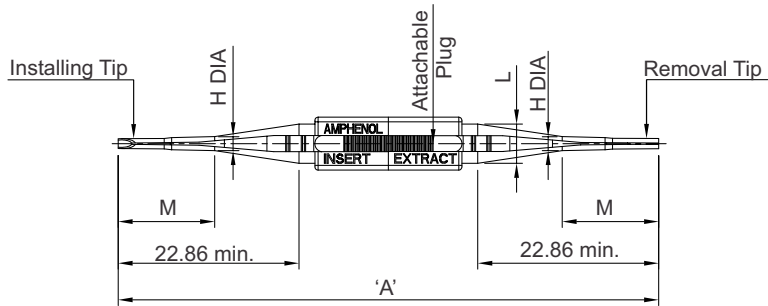


Keyway Detail
Shell Size 17, 19, 21, 23 & 25
Key Arrangements (A, B, C, D, E & N)



Keyway Detail
Shell Size 11, 13 & 15
Key Arrangements (A, B, C, D, E & N)

Insertion Removal Tool



Ordering Information

IRT - XXX - XX

Insertion & Removal Tool

Contact Size

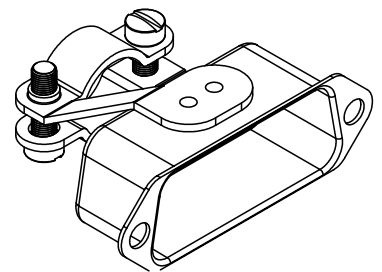
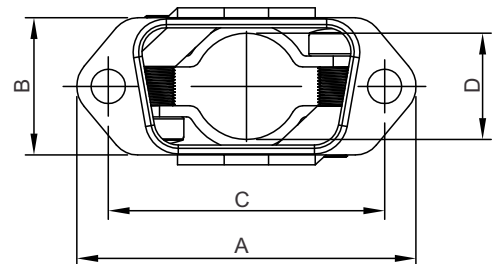
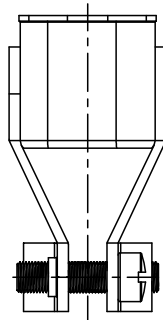
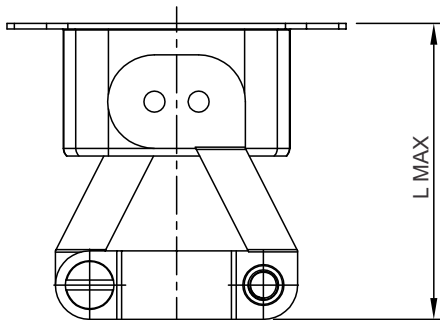
Colour Code

SR. NO	MIL Part Number	Hitech India Part Number	Contact Size	Colour Installing Tip	Code Removal Tip	'A' max.	'M' min.	'L' max.	'H' max.
1	M81969/14-01	IRT - 22D -GW	22D	Green	White	114.0	15.24	7.36	2.28
2	M81969/14-11	IRT - 20 -RW	20	Red	White	114.0	19.30	7.36	3.81
3	M81969/14-10	IRT - 20 -RO	20	Red	Orange	114.0	19.30	7.36	3.81
4	M81969/14-03	IRT - 16 -BW	16	Blue	White	114.0	25.40	11.18	5.87
5	M81969/14-04	IRT - 12 -YW	12	Yellow	White	114.0	25.40	11.18	7.29

Backshell for D - SUB Connector

Backshell For D-Sub Connector

A. Metallic Straight Cable Housing With Cable Clamp



Ordering Information

SERIES No. - 2 - X - XX

DASH No.

SHELL SIZE

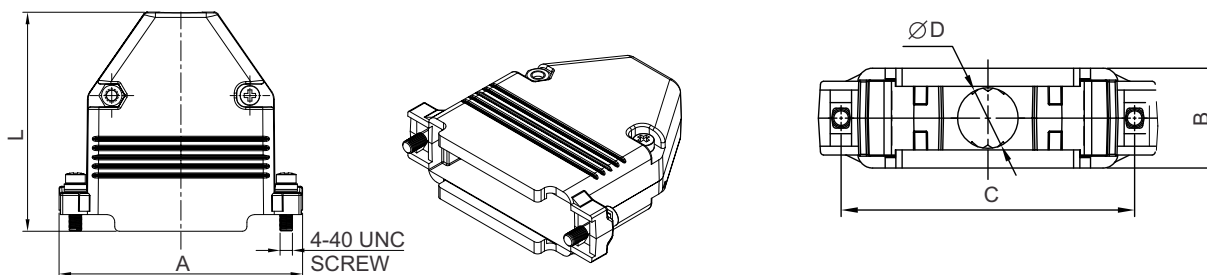
FINISH DESIGNATOR

FINISH : F - CADMIUM PLATE WITH YELLOW PASSIVATION
Z - ZINC PLATE WITH YELLOW PASSIVATION
TI - TIN PLATED

Sr.No.	MIL Part No.	SHELL SIZE	No. of PINS DENSITY	A	B	C	D max	L max
1	M2000/48-2-1Z	1	9 15	30.70	12.40	24.99	10.30	27.80
2	M2000/48-2-2Z	2	15 26	39.00	12.40	33.32	10.30	27.80
3	M2000/48-2-3Z	3	25 44	52.90	12.40	47.04	15.10	28.60
4	M2000/48-2-4Z	4	37 62	69.20	12.40	63.50	18.30	28.60
5	M2000/48-2-5Z	5	50 78	66.80	15.25	61.11	18.30	28.60

Backshell for D - SUB (M24308) Connector

Hood for D-Sub (M24308) Connector Metal Hood (Straight Entry)



Ordering Information (Military Part Number)

M2000 / X X-XXXX

Series No.

Shell Size

Finish Designator

Type-
MH- Metal Hood (Straight Entry)
MHA- Metal Hood (Angle Entry)
PH- Plastic Hood (Straight Entry)
PHA- Plastic Hood (Angle Entry)
MPH- Metallized Plastic Hood
(Straight Entry)
MPHA- Metallized Plastic Hood
(Angle Entry)

All Dimensions are in mm

Sr. No.	Shell Size	No. of Pins Density		'A'	'B'	'C'	'D'	'L'
		Std.	High					
01	01	09	15	31.50	15.60	24.99	6.00	47.60
02	02	15	26	40.80	15.60	33.30	10.00	48.20
03	03	25	44	54.20	16.00	47.00	10.00	48.80
04	04	37	62	69.20	16.00	63.50	10.20	48.60
05	05	50	78	67.10	18.00	61.10	12.30	48.60

* For angle entry please contact factory.

Finish-

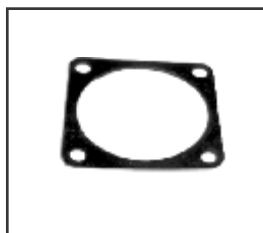
Z- Zinc Plate with yellow passivation

F- Cadmium Plate with yellow passivation

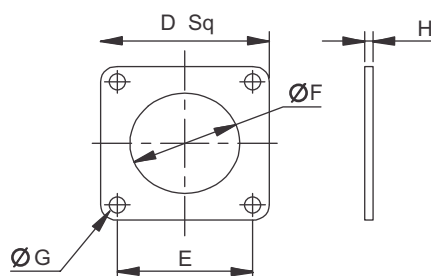
For nickel plated no suffix is required.

Flange Mounting Gasket

(Replace XX With The Required Shell Size)



62IN-760-XX



All dimensions in mm

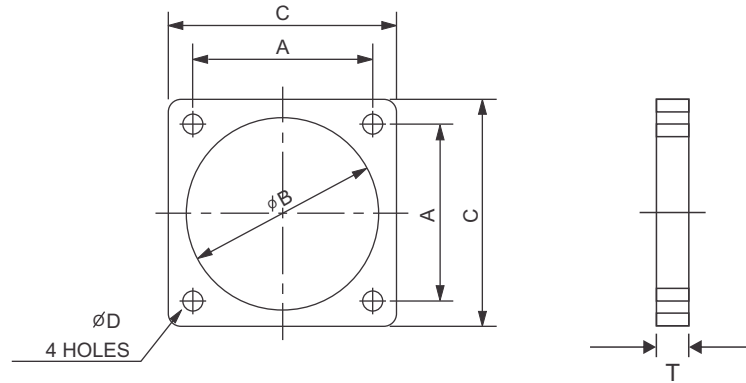
Shell size	D	E	F Dia	G Dia	H max
8	20.62	15.08	12.90	3.30	1.06
10	23.82	18.26	16.07	3.30	1.06
12	26.18	20.65	19.25	3.30	1.06
14	28.57	23.01	22.42	3.30	1.06
16	30.96	24.61	25.60	3.30	1.06
18	33.32	27.00	28.77	3.30	1.06
20	36.52	29.36	31.95	3.30	1.06
22	39.70	31.75	35.13	3.30	1.06
24	42.87	34.92	38.30	3.96	1.06

Flange Mounting Gasket

Other Accessories

Plain Flat Gasket

For MS & 97B Flange Mounted Receptacles



All dimensions are in mm

Part number	Shell size	A max	B	C	D	T
MS-101000	10SL	18.26	15.90	25.40	4.35	1.5
MS-108686	12S & 12	20.62	19.05	27.80	4.35	1.5
MS-101001	14S & 14	23.01	22.20	30.15	4.35	1.5
MS-101002	16S & 16	24.61	25.40	32.50	4.35	1.5
MS-101003	18	27.00	28.57	34.90	5.15	1.5
MS-101004	20	29.36	31.75	38.10	5.15	1.5
MS-101005	22	31.75	34.90	41.20	5.15	1.5
MS-108687	24	34.90	38.10	44.45	5.15	1.5
MS-101006	28	39.70	44.45	50.80	5.15	1.5
MS-108688	32	44.45	50.80	57.15	5.55	1.5
MS-101007	36	49.22	55.57	63.50	5.55	1.5
MS-110831	40	55.77	61.92	69.85	5.55	1.5

*For Conductive and rear Mount Gasket contact factory.