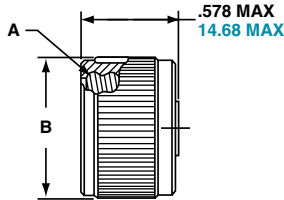


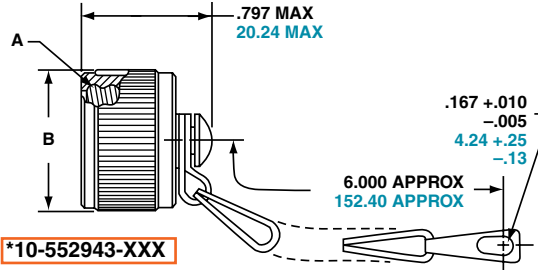
# MIL-DTL-38999, Series III TV Receptacle Protection Cap

Series III TV

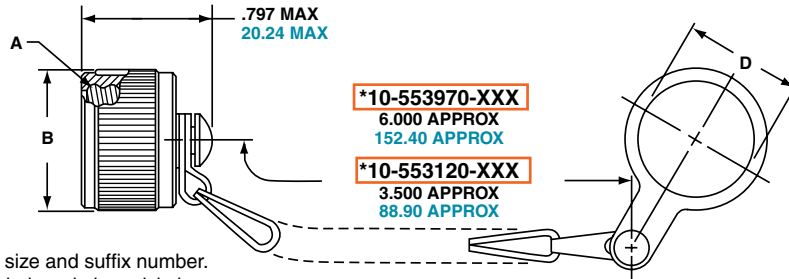
38999



\*10-553310-XXX



\*10-552943-XXX



\*10-553970-XXX

6.000 APPROX  
152.40 APPROX

\*10-553120-XXX

3.500 APPROX  
88.90 APPROX

\* To complete order number, add shell size and suffix number. For example, shell size 11 with olive drab cadmium nickel base, [10-552943-119](#)

Shell Size	A Thread Class 2B 0.1P-0.3L-TS	B Dia. Max.	Inches	
			D Dia. +.010	- .000
9	.6250	.875	.703	
11	.7500	1.000	.844	
13	.8750	1.125	1.016	
15	1.0000	1.250	1.141	
17	1.1875	1.438	1.266	
19	1.2500	1.500	1.391	
21	1.3750	1.625	1.516	
23	1.5000	1.750	1.641	
25	1.6250	1.875	1.766	

Shell Size	MS Shell Size Code	B Dia. Max.	Millimeters	
			D Dia. +.25	- .00
9	A	22.23	17.86	
11	B	25.40	21.44	
13	C	28.58	25.81	
15	D	31.75	28.98	
17	E	36.53	32.16	
19	F	38.10	35.33	
21	G	41.28	38.51	
23	H	44.45	41.68	
25	J	47.63	44.86	

All dimensions for reference only.

## TV Series III

### MS METAL PROTECTION CAPS

Shell Size	MS Shell Size Code	MS Receptacle Protection Cap
9	A	D38999/33W9X*
11	B	D38999/33W11X*
13	C	D38999/33W13X*
15	D	D38999/33W15X*
17	E	D38999/33W17X*
19	F	D38999/33W19X*
21	G	D38999/33W21X*
23	H	D38999/33W23X*
25	J	D38999/33W25X*

\* To complete order number, replace X with applicable letter as follows:  
R - designates eyelet type  
N - designates washer type

MS metal protection caps are supplied with service class W which designates corrosion resistant olive drab cadmium plate aluminum. Consult Amphenol Aerospace for more detailed information on ordering MS Metal protection caps.

Finish	10-No Suffix
Olive Drab, Cadmium, Nickel base	-XX9
Electroless Nickel	-XXG

Consult Amphenol Aerospace for availability of stainless steel protection caps.

## TV Series III

### PLASTIC PROTECTION CAPS

Shell Size	Receptacle
9	10-70500-10
11	10-70500-12
13	10-70500-14
15	10-70500-16
17	10-70500-19
19	10-70500-20
21	10-70500-22
23	10-70500-24
25	10-70524-1

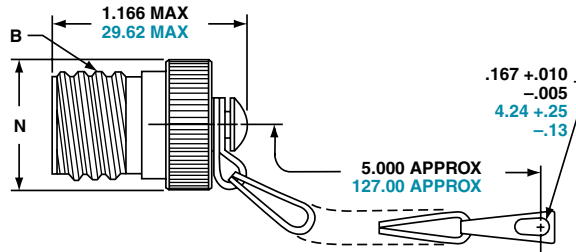
III
HD
Dualok
II
I
SJT
Accessories
Aquacon
Herm/Seal
PCB
HIGH SPEED
Fiber Optics
Contacts
Connectors
Cables

EMI Filter
Transient
26482
Matrix 2
83723 III
Matrix   Pyle
26500
Pyle
5015
Crimp Rear Release Matrix
22992
Class 1
Back-Shell's
Options
Others

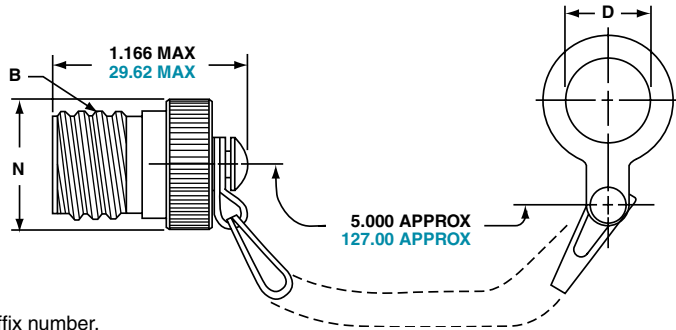
38999

Series III TV

\*10-552944-XXX



\*10-553998-XXX



\* To complete order number, add shell size and suffix number.  
For example, shell size 11 with olive drab cadmium nickel base, [10-552944-119](#)

Inches				Millimeters			
Shell Size	A Thread Class 2B 0.1P-0.3L-TS	D Dia. +.010 -.000	N Dia. Max.	Shell Size	MS Shell Size Code	D Dia. +.25 -.00	N Dia. Max.
9	.6250	.516	.895	9	A	13.11	22.73
11	.7500	.641	1.000	11	B	16.28	25.40
13	.8750	.766	1.171	13	C	19.46	29.74
15	1.0000	.891	1.299	15	D	22.63	32.99
17	1.1875	1.016	1.436	17	E	25.81	36.47
19	1.2500	1.141	1.543	19	F	28.98	39.19
21	1.3750	1.266	1.670	21	G	32.16	42.42
23	1.5000	1.343	1.787	23	H	34.11	45.39
25	1.6250	1.516	1.914	25	J	38.51	48.62

All dimensions for reference only.

Finish	10-No Suffix
Olive Drab, Cadmium, Nickel base	-XX9
Electroless Nickel	-XXG

Consult Amphenol Aerospace for availability of stainless steel protection caps.

### TV Series III

#### MS METAL PROTECTION CAPS

Shell Size	MS Shell Size Code	MS Plug Protection Cap
9	A	D38999/32W9X*
11	B	D38999/32W11X*
13	C	D38999/32W13X*
15	D	D38999/32W15X*
17	E	D38999/32W17X*
19	F	D38999/32W19X*
21	G	D38999/32W21X*
23	H	D38999/32W23X*
25	J	D38999/32W25X*

\* To complete order number, replace X with applicable letter as follows:  
R - designates eyelet type  
N - designates washer type

MS metal protection caps are supplied with service class W which designates corrosion resistant olive drab cadmium plate aluminum. Consult Amphenol Aerospace for more detailed information on ordering MS Metal protection caps.

### TV Series III

#### PLASTIC PROTECTION CAPS

Shell Size	Plug
9	10-70506-14
11	10-70506-16
13	10-70500-18
15	10-70500-20
17	10-70500-22
19	10-70500-24
21	10-70524-1
23	10-70506-28
25	10-70500-28

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[024NF17S4-109](#) [660-050XM17F4-01](#) [660-068NF25R6-30G](#) [660-070M23S8-04](#) [660-073MTCH9-20](#) [M83723/61-18W](#) [M83723/61-218R](#)  
[M83723/61-224W](#) [667-084-23C](#) [667-084-35C](#) [667-224NF16](#) [687-697NF-1](#) [M85049/94-10-A](#) [M85049/96-7-A](#) [M855282-10A01A](#)  
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