

CFC - 9 # # # # # ## - ## # # # - #

CRISTEK FILTERED CONNECTOR

SHELL CONFIGURATION
9 = M38999 (SEE SHT 2 - 5)

TYPE OF FILTER

- C = C
- P = Pi
- L = L
- T = T

FILTER CHARACTERISTICS

- L = LOW RANGE
- M = MEDIUM RANGE
- T = STANDARD RANGE
- H = HIGH RANGE
- V = VERY HIGH RANGE

SERIES

- 1 = SERIES I, M38999
- 2 = SERIES II, M38999
- 3 = SERIES III, M38999

SHELL STYLE

- X = FRONT MOUNT BOX RECEPTACLE, BAYONET
- R = REAR MOUNT BOX RECEPTACLE, BAYONET
- W = FRONT MOUNT WALL RECEPTACLE, BAYONET
- J = REAR MOUNT JAM NUT RECEPTACLE, BAYONET
- T = WALL MOUNTING RECEPTACLE, TRIPLE START THREAD
- V = JAM NUT MOUNTING RECEPTACLE, TRIPLE START THREAD

SHELL FINISH

- B = ELECTROLESS NICKEL (PREFERRED PLATING)
- Y = YELLOW CHROMATE CADMIUM OVER NICKEL
- O = OLIVE DRAB CADMIUM OVER NICKEL PLATE

SHELL SIZE

- 08 THRU 25

POLARIZATION

- N - NORMAL
- A
- B
- C
- D
- E

MODIFIER - BOX OR WALL MOUNT ONLY
(OMIT FOR ALL OTHER SHELL STYLES)

- 0 - N/A
- 2 - #2-56 CLINCH NUT
- 4 - #4-40 CLINCH NUT

TERMINATION

- P = PC TAIL
- S = SOLDER CUP
- W = WIRE WRAP

CONTACT TYPE

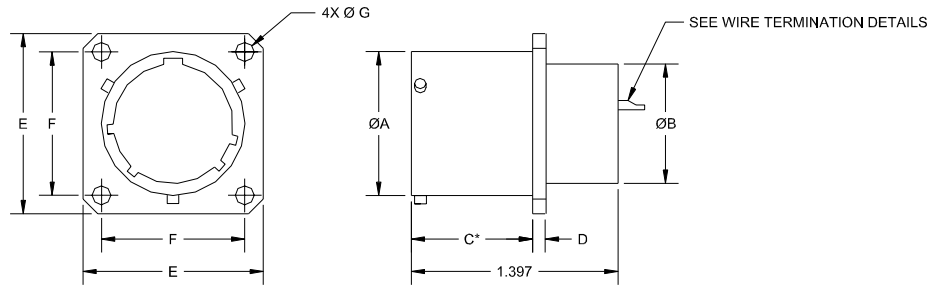
- P = PIN
- S = SOCKET

INSERT ARRANGEMENT NO.

- ## - OBTAIN FROM MIL-STD-1554 PIN INSERT ARRANGEMENTS ON SHT. 4 OR 5.
(SOCKET ARRANGEMENTS ARE OPPOSITE)

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III	DWG. NO. CFC9	
	FILENAME ADS-CFC9-1	CODE IDENT NO. 67720	SHT 1 OF 8
		TOLERANCE: .XXX ± .005 .XX ± .01 ANGLE ± 1°	

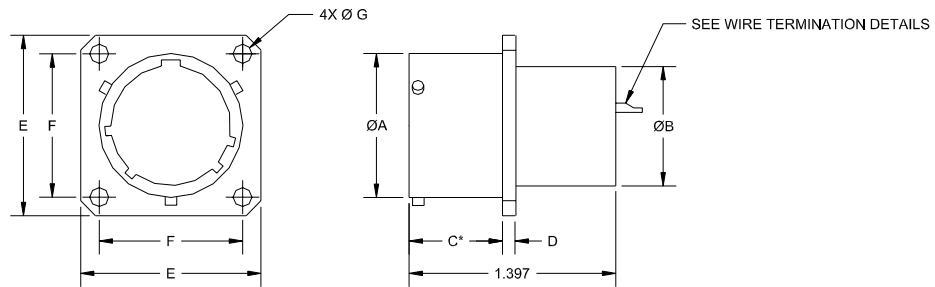
6.1 FILTER CONNECTORS / M38999



SHELL SIZE	ØA ±.003	ØB	C +.000 -.005	D	E ±.010	F BASIC	ØG
9	.570	.547	.820	.090	.938	.719	.128
11	.698	.656	.820	.090	1.031	.812	.128
13	.848	.828	.820	.090	1.125	.906	.128
15	.973	.953	.820	.090	1.219	.969	.128
17	1.098	1.078	.820	.090	1.312	1.062	.128
19	1.205	1.203	.820	.090	1.438	1.156	.128
21	1.330	1.328	.790	.120	1.562	1.250	.128
23	1.455	1.453	.790	.120	1.688	1.375	.147
25	1.580	1.578	.790	.120	1.812	1.500	.147

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET REAR MOUNT BOX RECEPTACLE, MS27505 (STYLE R, SERIES I)

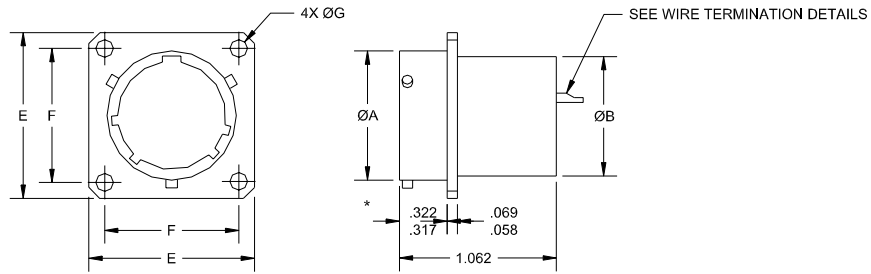


SHELL SIZE	ØA ±.003	ØB	C +.000 -.005	D	E ±.010	F BASIC	ØG
9	.570	.433	.632	.090	.938	.719	.128
11	.698	.558	.632	.090	1.031	.812	.128
13	.848	.683	.632	.090	1.125	.906	.128
15	.973	.808	.632	.090	1.219	.969	.128
17	1.098	.933	.632	.090	1.312	1.062	.128
19	1.205	1.058	.632	.090	1.438	1.156	.128
21	1.330	1.183	.602	.120	1.562	1.250	.128
23	1.455	1.308	.602	.120	1.688	1.375	.147
25	1.580	1.433	.602	.120	1.812	1.500	.147

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET FRONT MOUNT WALL RECEPTACLE, MS27466 (STYLE W, SERIES I)

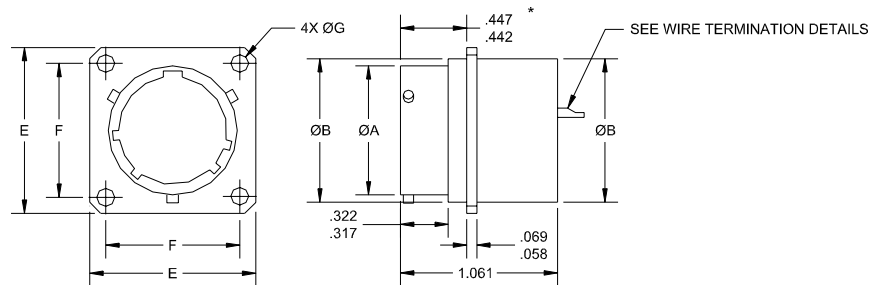
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III			DWG. NO. CFC9		
	FILENAME	ADS-CFC9-2			CODE IDENT NO. 67720	SHT 2 OF 8	REV A
	TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°						



SHELL SIZE	ØA ±.003	ØB	E ±.010	F BASIC	ØG
8	.471	.433	.808	.594	.120
10	.588	.558	.934	.719	.120
12	.748	.683	1.027	.812	.120
14	.873	.808	1.121	.906	.120
16	.998	.933	1.214	.969	.120
18	1.123	1.058	1.308	1.062	.120
20	1.248	1.183	1.433	1.156	.120
22	1.373	1.308	1.558	1.250	.120
24	1.498	1.433	1.683	1.375	.147

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET FRONT MOUNT BOX RECEPTACLE, MS27499 & MS27513 (STYLE X, SERIES II)



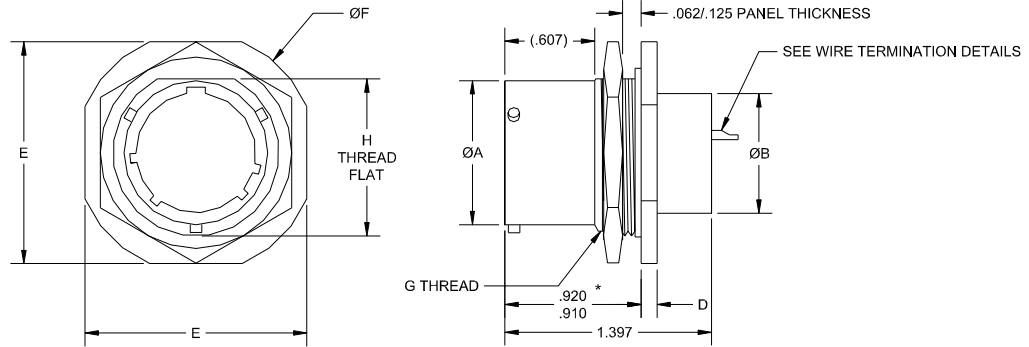
SHELL SIZE	ØA ±.003	ØB MAX	E ±.010	F BASIC	ØG
8	.471	.547	.808	.594	.120
10	.588	.672	.934	.719	.120
12	.748	.844	1.027	.812	.120
14	.873	.969	1.121	.906	.120
16	.998	1.094	1.214	.969	.120
18	1.123	1.219	1.308	1.062	.120
20	1.248	1.344	1.433	1.156	.120
22	1.373	1.469	1.558	1.250	.120
24	1.498	1.594	1.683	1.375	.147

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET REAR MOUNT BOX RECEPTACLE, MS27508 (STYLE R, SERIES II)

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III		DWG. NO.	CFC9	
	FILENAME	ADS-CFC9-3		CODE IDENT NO. 67720	SHT 3 OF 8	REV A
				TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		

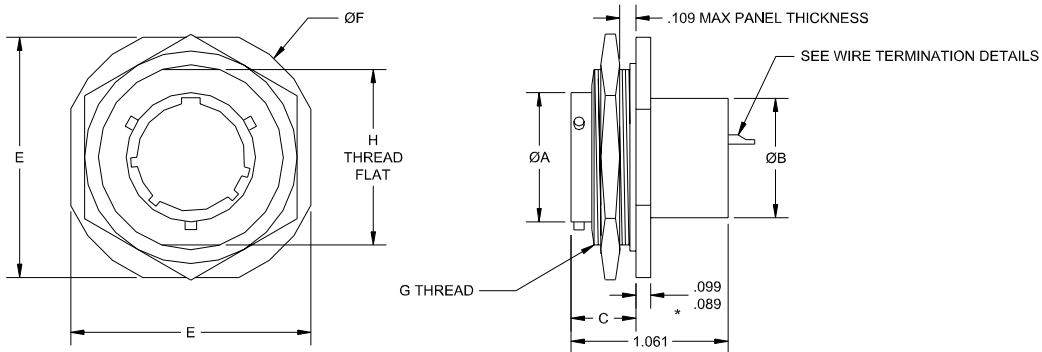
6.1 FILTER CONNECTORS / M38999



SHELL SIZE	ØA ±.003	ØB	D ±.010	E ±.010	ØF ±.010	G TH'D 2A	H
9	.570	.433	.109	1.062	1.188	.6875-24 UNEF	.650
11	.698	.558	.109	1.250	1.375	.8125-20 UNEF	.750
13	.848	.683	.109	1.375	1.500	1.0000-20 UNEF	.937
15	.973	.808	.109	1.500	1.625	1.1250-18 UNEF	1.061
17	1.098	.933	.109	1.625	1.750	1.2500-18 UNEF	1.186
19	1.205	1.058	.140	1.812	1.938	1.3750-18 UNEF	1.311
21	1.330	1.183	.140	1.938	2.062	1.5000-18 UNEF	1.436
23	1.455	1.308	.140	2.062	2.188	1.6250-18 UNEF	1.561
25	1.580	1.433	.140	2.188	2.312	1.7500-18 UNS	1.686

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET REAR MOUNT JAM NUT RECEPTACLE, MS27468 (STYLE J, SERIES I)

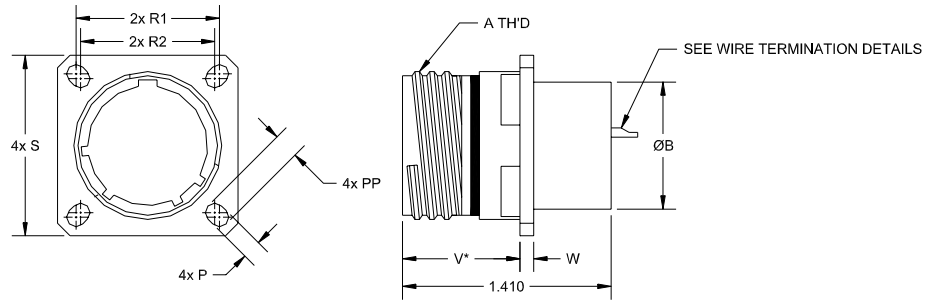


SHELL SIZE	ØA ±.003	ØB	C	E ±.010	ØF ±.010	G TH'D 2A	H ±.003
8	.471	.433	.438	1.250	1.375	.8750-20 UNEF	.814
10	.588	.558	.438	1.375	1.500	1.0000-20 UNEF	.938
12	.748	.683	.438	1.500	1.625	1.1250-18 UNEF	1.062
14	.873	.808	.438	1.625	1.750	1.2500-18 UNEF	1.187
16	.998	.933	.438	1.781	1.938	1.3750-18 UNEF	1.317
18	1.123	1.058	.438	1.890	2.016	1.5000-18 UNEF	1.437
20	1.248	1.183	.464	2.016	2.141	1.6250-18 UNEF	1.562
22	1.373	1.308	.464	2.140	2.265	1.7500-18 UNS	1.687
24	1.498	1.433	.464	2.265	2.390	1.8750-16 UN	1.812

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

BAYONET REAR MOUNT JAM NUT RECEPTACLE, MS27474 (STYLE J, SERIES II)

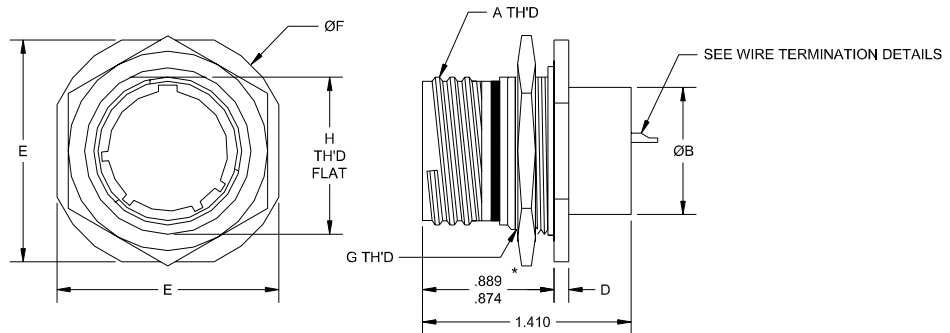
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III	DWG. NO. CFC9		
	FILENAME ADS-CFC9-4	CODE IDENT NO. 67720	SHT 4 OF 8	REV A
	TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°			



SHELL SIZE	A TH'D 0.1P 0.3L-2A	ØB	S ± .010	R1 BASIC	R2 BASIC	P	PP	V* ± .015	W
9	.6250	.466	.937	.719	.594	.128	.216	.795	.093
11	.7500	.584	1.032	.812	.719	.128	.194	.795	.093
13	.8750	.702	1.126	.906	.812	.128	.194	.795	.093
15	1.0000	.860	1.221	.969	.906	.128	.173	.795	.093
17	1.1875	.978	1.311	1.062	.969	.128	.194	.795	.093
19	1.2500	1.096	1.437	1.156	1.062	.128	.194	.795	.093
21	1.3750	1.214	1.563	1.250	1.156	.128	.194	.776	.105
23	1.5000	1.332	1.689	1.375	1.250	.154	.242	.776	.105
25	1.6250	1.450	1.811	1.500	1.375	.154	.242	.776	.105

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

TRIPLE START THREAD WALL MOUNTING RECEPTACLE M38999/20 (STYLE T, SERIES III)



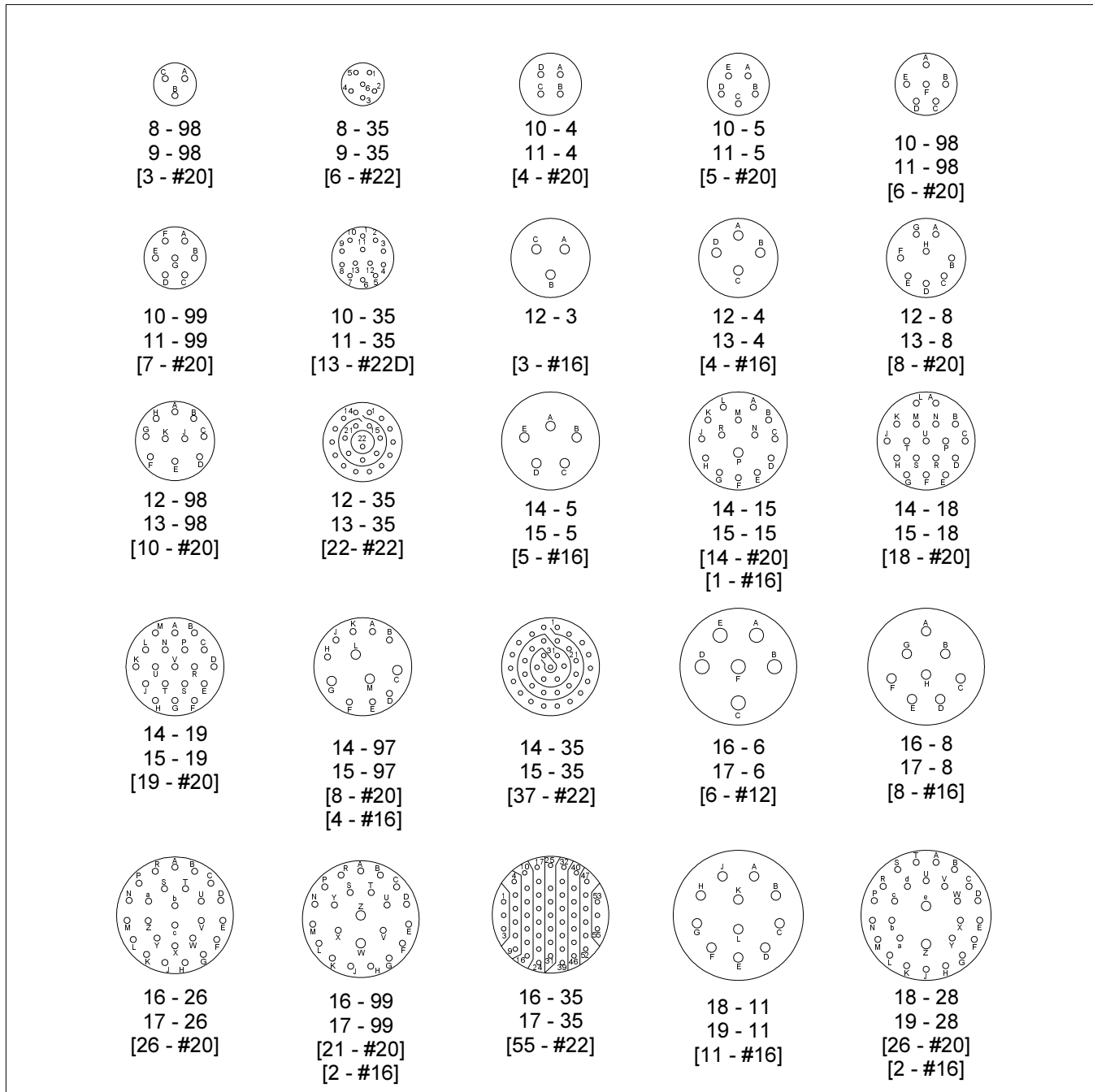
SHELL SIZE	A TH'D 0.1P 0.3L-2A	ØB	D	E ± .010	ØF ± .010	G TH'D 1.0-6g 0.100R	H ± .004
9	.6250	.466	.100	1.062	1.186	M17	.650
11	.7500	.584	.100	1.250	1.375	M20	.750
13	.8750	.702	.100	1.375	1.500	M25	.937
15	1.0000	.860	.100	1.500	1.625	M28	1.061
17	1.1875	.978	.100	1.625	1.752	M32	1.186
19	1.2500	1.096	.100	1.812	1.938	M35	1.311
21	1.3750	1.214	.130	1.938	2.062	M38	1.436
23	1.5000	1.332	.130	2.062	2.188	M41	1.561
25	1.6250	1.450	.130	2.188	2.312	M44	1.686

* = THIS DIMENSION MAY BE INCREASED TO LIMIT DISPLACEMENT IN THE BOX.

TRIPLE START THREAD JAM NUT MOUNTING RECEPTACLE M38999/24 (STYLE V, SERIES III)

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III		DWG. NO.	CFC9	
	FILENAME	ADS-CFC9-5		CODE IDENT NO. 67720	SHT 5 OF 8	REV A
				TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		

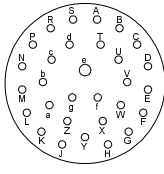
6.1 FILTER CONNECTORS / M38999



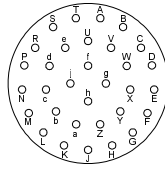
M38999 SERIES I, II, III INSERT ARRANGEMENTS FROM MIL-STD-1560

- ## = SERIES II SHELL SIZE - PIN ARRANGEMENT
 ## - ## = SERIES I AND III SHELL SIZE - PIN ARRANGEMENT
 [## - ##] = QTY - SIZE OF CONTACTS

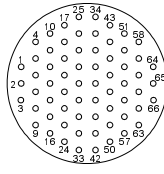
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III	DWG. NO. CFC9		
	FILE NAME ADS-CFC9-6	CODE IDENT NO. 67720	SHT 6 OF 8	REV A
	TOLERANCE: .XXX ± .005 .XX ± .01 ANGLE ± 1°			



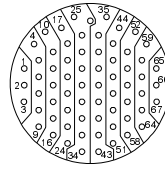
18 - 30
19 - 30
[29 - #20]
[1 - #16]



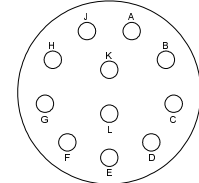
18 - 32
19 - 32
[32 - #20]



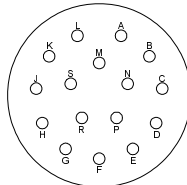
18 - 35
19 - 35
[66 - #22]



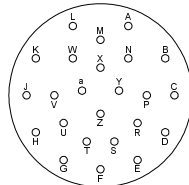
18 - 45
19 - 45
[67 - #22]



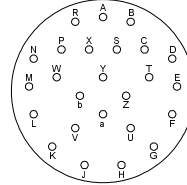
20 - 11
21 - 11
[11 - #12]



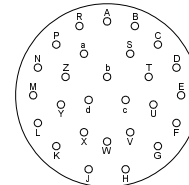
20 - 16
21 - 16
[16 - #16]



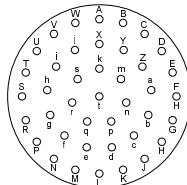
20 - 24
21 - 24
[24 - #20]



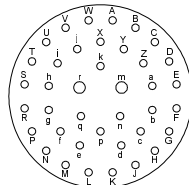
20 - 25
21 - 25
[25 - #20]



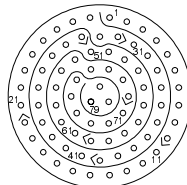
20 - 27
21 - 27
[27 - #20]



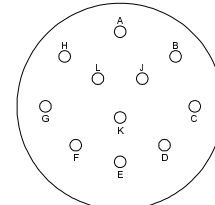
20 - 41
21 - 41
[41 - #20]



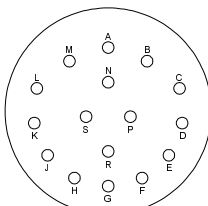
20 - 39
21 - 39
[37 - #20]
[2 - #16]



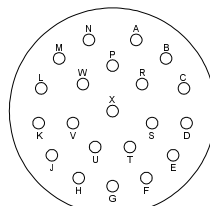
20 - 35
21 - 35
[79 - #22]



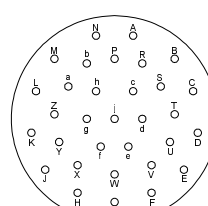
22 - 99
23 - 99
[11 - #16]



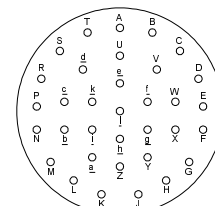
22 - 97
23 - 97
[16 - #16]



22 - 21
23 - 21
[21 - #16]



22 - 32
23 - 32
[32 - #20]



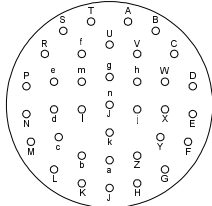
22 - 34
23 - 34
[34 - #20]

M38999 SERIES I, II, III INSERT ARRANGEMENTS FROM MIL-STD-1560

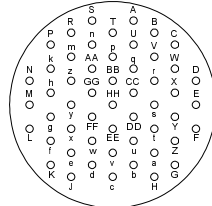
- ## = SERIES II SHELL SIZE - PIN ARRANGEMENT
- ## = SERIES I AND III SHELL SIZE - PIN ARRANGEMENT
[## - ##] = QTY - SIZE OF CONTACTS

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III		DWG. NO.	CFC9	
	FILE NAME	ADS-CFC9-7		CODE IDENT NO. 67720	SHT 7 OF 8	REV A
				TOLERANCE: .XXX ± .005 .XX ± .01 ANGLE ± 1°		

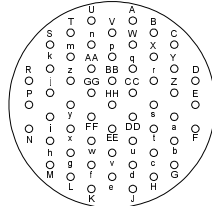
6.1 FILTER CONNECTORS / M38999



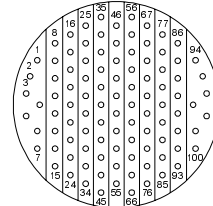
22 - 36
23 - 36
[36 - #20]



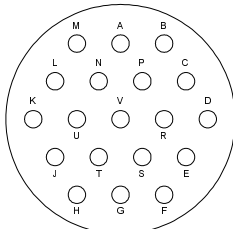
22 - 53
23 - 53
[53 - #20]



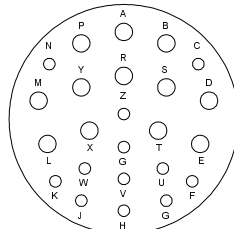
22 - 55
23 - 55
[55 - #20]



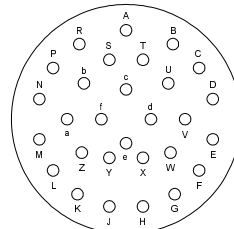
22 - 35
23 - 35
[100 - #22]



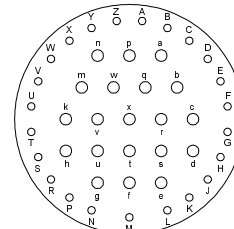
24 - 19
25 - 19
[19 - #12]



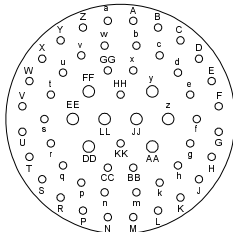
24 - 24
25 - 24
[12 - #16]
[12 - #12]



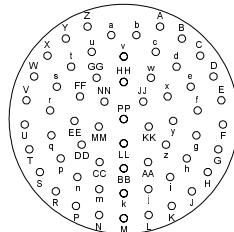
24 - 29
25 - 29
[29 - #16]



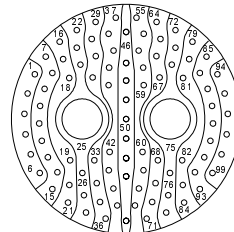
24 - 43
25 - 43
[23 - #20]
[20 - #16]



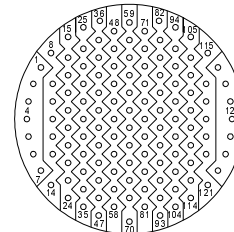
24 - 4
25 - 4
[48 - #20]
[8 - #16]



24 - 61
25 - 61
[61 - #20]



24 - 7
25 - 7
[97 - #22]
[2 - #8 TWINAX]



24 - 35
25 - 35
[128 - #22]

M38999 SERIES I, II, III INSERT ARRANGEMENTS FROM MIL-STD-1560

- ## = SERIES II SHELL SIZE - PIN ARRANGEMENT
 ## - ## = SERIES I AND III SHELL SIZE - PIN ARRANGEMENT
 [## - ##] = QTY - SIZE OF CONTACTS

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO.		
	FILTERED CIRCULAR CONFORMING TO M38999, SERIES I, II, & III	CFC9		
	FILE NAME	CODE IDENT NO.	SHT	REV
ADS-CFC9-8	67720	8 OF 8	A	
		TOLERANCE: .XXX ± .005 .XX ± .01 ANGLE ± 1°		