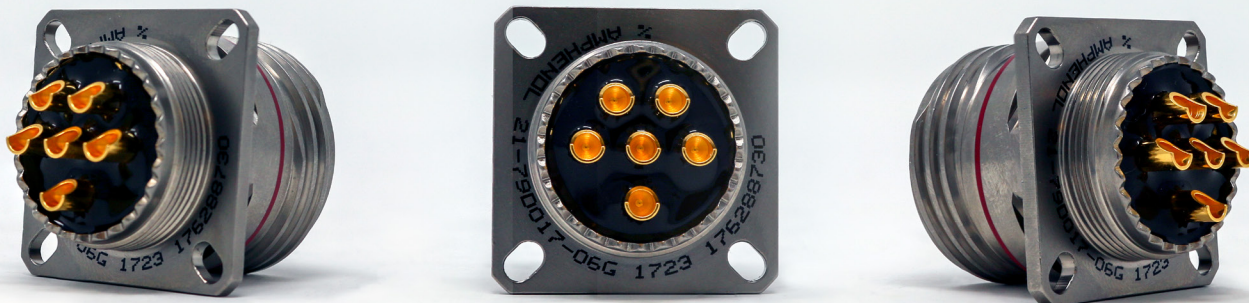


EPOXY SEALED MIL-DTL-38999, RECEPTACLES SERIES III TV

Amphenol
Aerospace

PDS-298



EPOXY SEALED CONNECTORS:

Features and Benefits:

- Light weight alternative to glass sealed hermetic connectors
- Leak rate of 1x10⁻⁵ cc of He/sec or less
- Leak rate maintained after temperature cycling, 5 cycles -55 to +125°C
- Available in standard and custom configurations including board mounting stand-offs and thru-bulkhead designs
- Same epoxy utilized on EMI Filter connectors



1. Connector Designator	2. Connector Type	3. Shell Finish	4. Shell Styles	5. Shell Size – Insert Arrg.	6. Type of Contact and Keyway Position	7. Printed Circuit Board Tail Length Optional
21-	79	9	2	16-26	P	1

1. CONNECTOR TYPE

21- Epoxy Sealed Connector

3. SHELL FINISH

0	Chromate
1	Bright cadmium
2	Stainless steel (electrolytic nickel plated)
4	Electroless nickel, MS (F)
5	Gold plate over nickel
7	Cadmium plate over nickel, MS(A)
8	Bright nickel
9	Cadmium plate, nickel base, OD, MS(B), (500 hr. salt spray test)
D	Durmalon™ Nickel-PTFE (cadmium alternative) - 38999 Class T refer to page 5
Z	Black Zinc

5. SHELL SIZE AND INSERT ARRANGEMENT

Shell Size & Insert Arrangements are together in one chart. First number represents Shell Size, second number is the Insert Arrangement. View Filter Catalog online for more information.

2. CONNECTOR TYPE

79	Epoxy sealed FTV with standard series III shells
81	Epoxy sealed FTV PCB mount with standard flange, standard nut
85	Epoxy sealed FCTV with composite shell

Federal Vendor Identification/FSCM 77820

4. SHELL STYLE

0	Wall mount receptacle
2	Box mount receptacle
3	Jam nut receptacle with rear thread (PT only)
4	Minimum penetration jam nut receptacle
7	Jam nut receptacle

6. CONTACT TYPE

Alternate Position	Suffix Letter	
	Pins	Sockets
Normal	P	S
A	G	H
B	I	J
C	K	L
D	M	N
E	R	T

7. OPTIONAL PCB

Code	± .030	Pre-Tinned?
1	0.120	NO
2		YES
3	0.185	NO
4		YES
5	0.270	NO
6		YES

David Salt • Phone: (607)563-5119 • Email: dsalt@amphenol-aao.com

www.amphenol-aerospace.com

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