



KJA/KJB 38999-Style Series III Composite

ITT Cannon to bring innovative products to market, such as our KJA/KJB 38999-Style Series III Composite (Class J & M) for harsh environment military and aerospace applications.

Technical overview

- 3 to 128 way layouts
- Wire range: Size 16-28
- 1000-2300 VAC rms at sea level
- 65°C up to 200°C



How-To-Order Guide

Military Nomenclature

CONNECTOR TYPE
KJA/KJB 38999-Style Series III Composite

SHELL STYLE
/20 - Wall mount receptacle
/26 - Straight Plug, Grounded

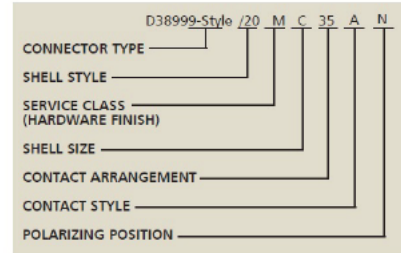
SERVICE CLASS (HARDWARE FINISH)
M - Electroless nickel
-65°C to +200°C, RoHS Compliant
J - Olive drab cadmium over electroless nickel plate, -65°C to +175°C

SHELL SIZE

A	B	C	D	E	F	G	H	J	Military Designation
9	11	13	15	17	19	21	23	25	Cannon Designation

CONTACT ARRANGEMENT

Refer to Insert Availability Identification Chart



CONTACT STYLE

- P - Pin contact
- S - Socket contact
- H - Pin contact (1,500 cycles)
- J - Socket contact (1,500 cycles)
- A - Less pin contacts*
- B - Less socket contacts*

POLARIZING POSITION

N (Normal), A, B, C, D, E



Laser Marking of Cavity Identification

White background provides visual clarity for improved assembly accuracy



Anti-Vibration System

Provides greater ease of coupling while maintaining the reliability of 38999-Style

KJA Double Flange Series

38999-Style Series III Double Flange Receptacles for PCB Mounting offer convenience, performance and reliability, no matter the conditions or environment

Cannon's Double-Flange receptacles conveniently allow for attachment directly to the connector shell, improving grounding, reducing contact solder joint stress, and eliminating extra hardware. They are available in our full range of standard Cannon KJA contact arrangements.



1- Shell Style	2- Class	3- Shell Size	4- Hardware Finish	5- Contact Arrangement	6- Contact Style	7- Polarization	8- MOD CODE
KJAD0	T	13	F	35	P	N	115

1- Shell Style	
KJAD0	KJA (38999-style III) Double Flange Box Mount Receptacle
KJAD7	KJA (38999-style III) Double Flange Jam Nut Receptacle
2- Class	
T	Environment Resistant
3- Shell Sizes	
9, 11, 13, 15, 17, 19, 21, 23, 25	

4 - Hardware Finish	
F	Electroless nickel, - 85°F to +392°F (-65°C to +200°C) (RoHS)
G	Electroless nickel plated. Space Grade. (RoHS)
W	Olive drab cadmium over electroless nickel plate, - 85°F to +347°F (-65°C to +175°C)
Z	Black Zinc Nickel (RoHS)

Note- For alternative finishes, please contact the factory

5- Contact Arrangement	
Per MIL-STD-1560 or ITT Cannon KJA Series	
6- Contact Style	
P	Pin
S	Socket

7- Polarization			
Per KJA / 38999 Series III - N (Normal), A, B, C, D, E			
8- Modification Codes - PC Tail Extension			
Mod Code	E PC Tail Extension +/- .020	Lead Tinned	RoHS

115	.150	No	Yes
115LT	.150	Yes	No
120	.200	No	Yes
120LT	.200	Yes	No

If not specified, PC Tail will be the 115 Code
*Reference page 2 drawing

more information:



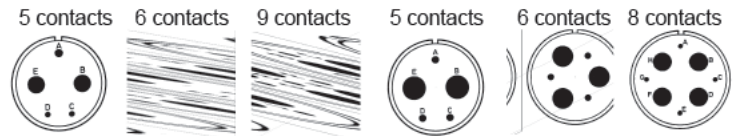
CA High-Voltage Connector

Advanced Hyper-Volt Contact System

A Quick and Proven High-Voltage Upgrade Solution

- Up to 1,000V in accordance with IEC 60664-1
- Operating temperature: -55°C to + 100°C
- Existing VG95234/MIL-C-5015 layouts
- Compatible with cavities size 0 and 4

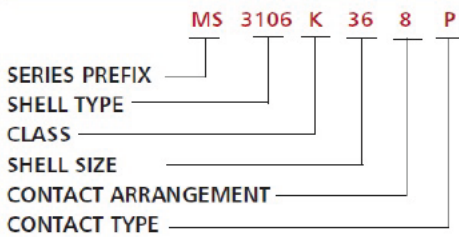
Contact Arrangements



MS-K MIL-DTL-5015 Firewall Connectors

MS-K firewall connectors have met and are qualified to the fireproof test of MIL-DTL-5015. This test requires that a connector mounted to a firewall will continue to operate for 5 minutes in case of fire and prevent the passage of flame for 20 minutes.

How to Order



SERIES PREFIX
MS

SHELL STYLE
See pages A-114 thru A-116

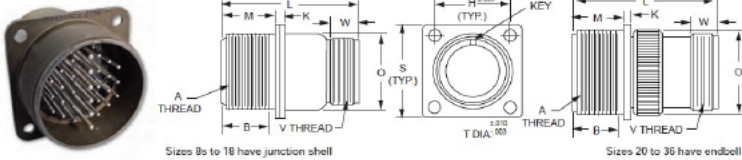
CLASS
K per MIL-C-5015

SHELL SIZE
8S to 36

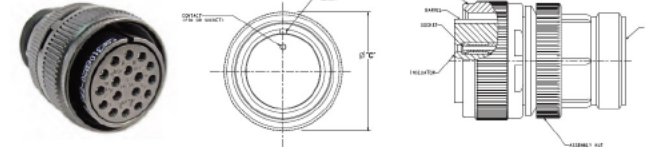
CONTACT ARRANGEMENT
See page A-127

CONTACT TYPE
P for pin; S for socket

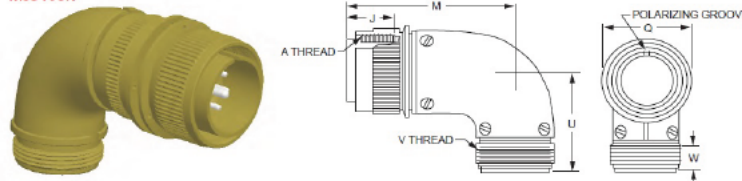
MS3100K



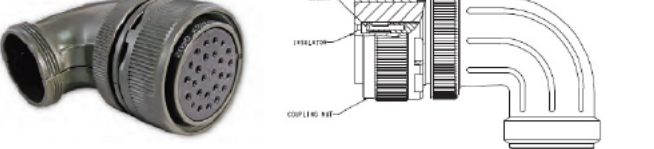
MS3106B



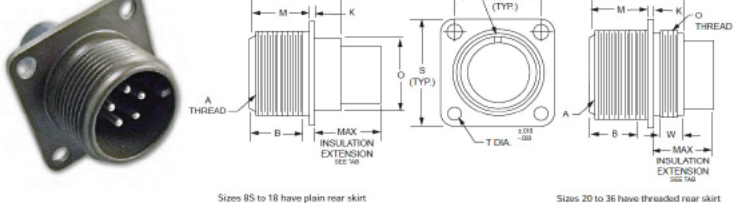
MS3108K



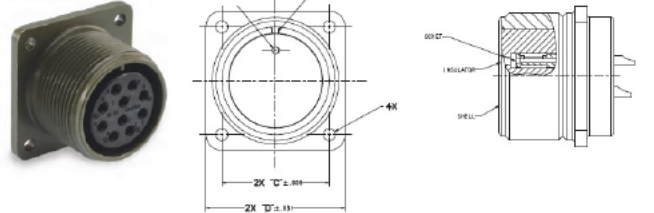
MS3108B



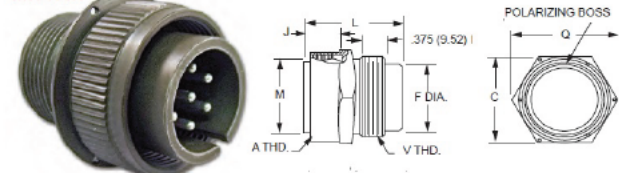
MS3102K



MS3102A



MS3106K



more information:
ATD Elektronik s.r.o.
tel.: 00420 379 723 915
info@atd-elektronik.cz

