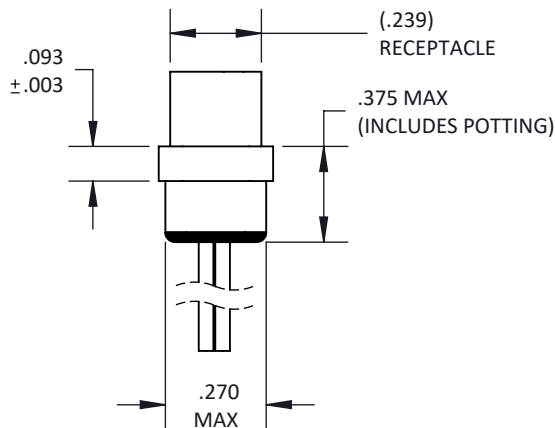
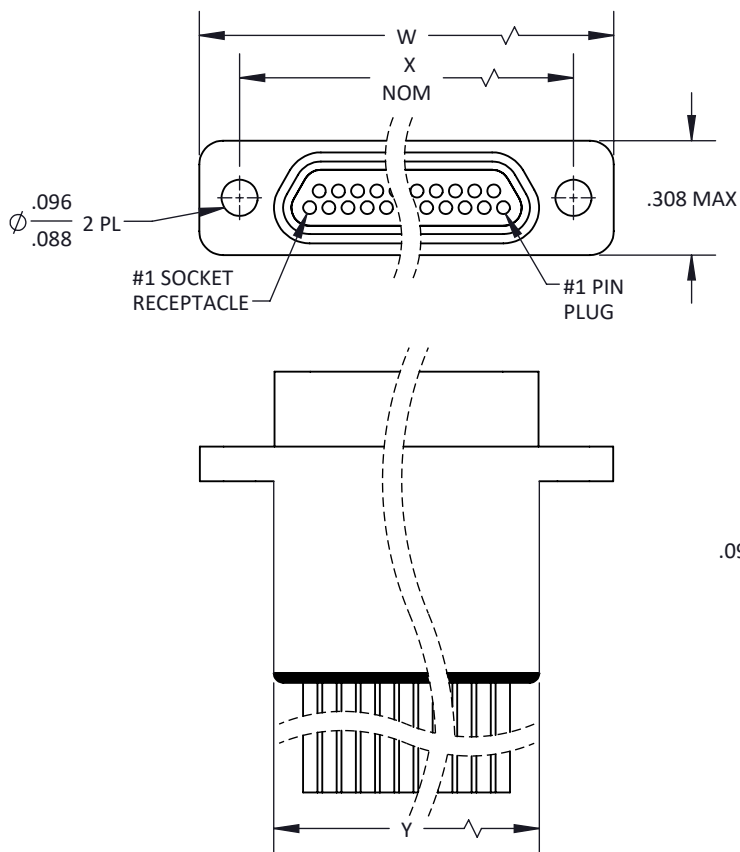


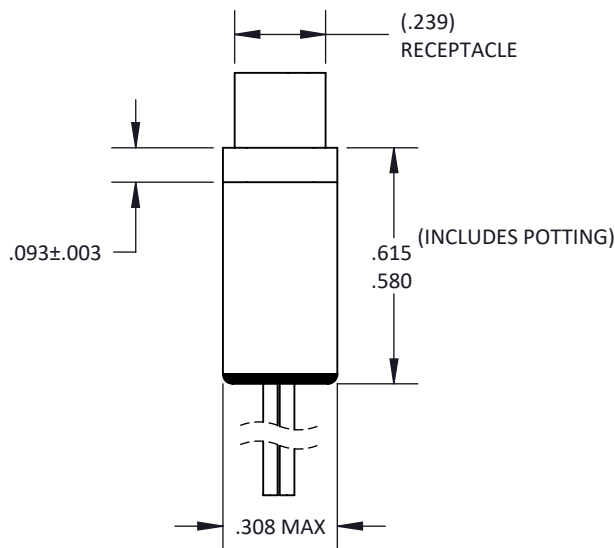
NO. OF CONTACTS	W MAX	X	Y MAX
9	.785	.565	.400
15	.935	.715	.550
21	1.085	.865	.700
25	1.185	.965	.800
31	1.335	1.115	.950
37	1.485	1.265	1.100



C - TYPE FILTER



NO. OF CONTACTS	W MAX	X	Y MAX
9	.785	.565	.400
15	.935	.715	.550
21	1.085	.865	.700
25	1.185	.965	.800
31	1.335	1.115	.950
37	1.485	1.265	1.100



PI - TYPE FILTER

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE MICRO-D METAL SHELL
FILTERED
CONFORMING TO M83513

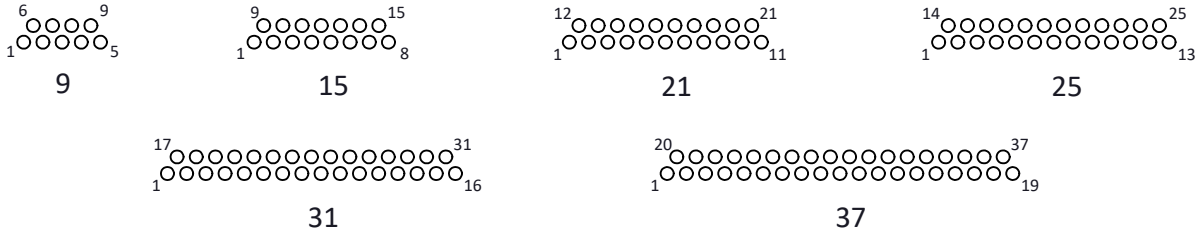
SHT 1 OF 2

DWG. NO. FMD

REV K



MICRO-D METAL SHELL FILTERED CONFORMING TO M83513



MATING FACE - RECEPTACLE
(MIRROR IMAGE FOR PLUG)

FMD - X X - X X X X X X X X X X

- FILTERED MICRO-D
- GENDER
 - 1 = RECEPTACLE, SOCKET CONTACTS
 - 2 = PLUG, PIN CONTACTS
- NUMBER OF CONTACTS
 - A = 9 D = 25
 - B = 15 E = 31
 - C = 21 F = 37
- SHELL HARDWARE
 - 0 = NO HARDWARE
 - FACTORY INSTALLED (NON-REMOVABLE)
 - F = FLOAT MOUNT
 - J = HIGH PROFILE HEX DRIVE JACKSCREW
 - K = HIGH PROFILE SLOTTED JACKSCREW
 - L = LOW PROFILE HEX DRIVE JACKSCREW*
 - T = THREADED INSERT
- HARDWARE - FACTORY INSTALLED
 - 1 = JACKPOST PER MIL-M-83513/5-07 SIZES 9 THRU 37 *
 - 2 = LOW PROFILE HEX DRIVE JACKSCREW *
 - 3 = HIGH PROFILE HEX DRIVE JACKSCREW
 - 5 = LOW PROFILE SLOTTED JACKSCREW
 - 6 = HIGH PROFILE SLOTTED JACKSCREW
- SHELL FINISH
 - C = CADMIUM
 - N = NICKEL
- TERMINATIONS
 - WIRE TYPE
 - STRANDED
 - H = HARNESS (MIL-W-16878/4)
 - S = SPACE (MIL-W-22759/33)
 - M = MILITARY (MIL-W-22759/11) *
 - SOLID
 - G = GOLD PLATED COPPER
 - T = TIN/LEAD PLATED COPPER
- FILTER CHARACTERISTICS
 - L = LOW RANGE
 - M = MID RANGE
 - T = STANDARD RANGE
 - H = HIGH RANGE
 - VH = VERY HIGH RANGE
- FILTER TYPE
 - C = C
 - P = Pi
- WIRE LENGTH
 - STRANDED (+1.00 / -0.00)
 - 1 = 6 INCHES
 - 2 = 12 INCHES
 - 3 = 18 INCHES
 - 4 = 24 INCHES
 - 5 = 36 INCHES
 - 6 = 72 INCHES
 - SOLID COPPER (+0.20 / -0.00)
 - 1 = 0.5 INCH
 - 2 = 1.0 INCH
 - 3 = 0.25 INCH
- WIRE SIZE
 - STRANDED WIRE
 - 0 = 26 AWG
 - 1 = 24 AWG
 - 2 = 28 AWG
 - SOLID WIRE
 - 0 = 25 AWG
 - 1 = 24 AWG
- WIRE COLOR/TYPE
 - 0 = WHITE STRANDED *
 - 1 = YELLOW STRANDED
 - 2 = 10 SOLID COLORS REPEATED *
 - 3 = FULL COLOR CODE STRANDED
 - 9 = SOLID COPPER *

* = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 WHERE APPLICABLE.
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

- 1. MATERIALS:
 - SHELL - ALUMINUM ALLOY
 - INSULATOR - GLASS FILLED THERMOPLASTIC
 - PIN/SOCKET CONTACT - COPPER ALLOY
 - INTERFACIAL SEAL - FLUOROSILICONE BLEND
- 2. FINISH:
 - SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
 - CONTACT - GOLD OVER NICKEL
- 3. SPECIFICATIONS:
 - CURRENT RATING ----- 3 AMPS MAX
 - TEMPERATURE RATING ----- -55° C TO +125° C
 - INSULATION RESISTANCE ----- 1000 MEGOHMS MIN
 - DWV AT SEA LEVEL ----- 100 VDC
 - CONTACT RESISTANCE ----- 8 MILLIOHMS AT 2.5 AMPS
 - LOW LEVEL CONTACT ----- 10 MILLIOHMS MAX
 - RESISTANCE
 - CONTACT RETENTION ----- 5 LBS MINIMUM AXIAL LOAD
 - ENGAGEMENT FORCE ----- 6 oz MAX
 - SEPARATION FORCE ----- 0.5 oz MIN
- 4. ADDITIONAL INFORMATION:
 - CONSULT CRISTEK FOR OTHER CONFIGURATIONS.
- 5. PREVIOUS CATALOG TERMINATION
 - CALLOUT "5" IS NOW "T903."

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL FILTERED CONFORMING TO M83513	SHT 2 OF 2	DWG. NO. FMD	REV K
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