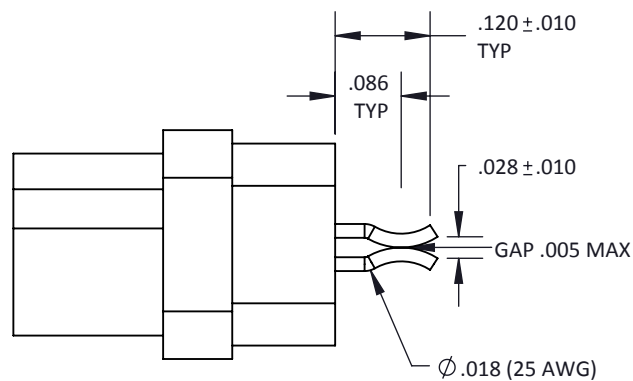
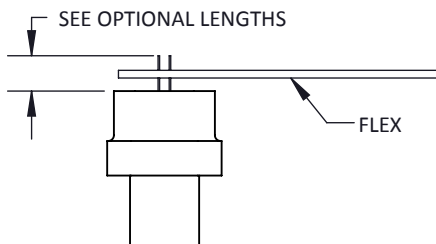


IN-LINE SURFACE MOUNT
(A DOUBLE SIDED FLEX)



EXTENDER CARD



RIGHT ANGLE THRU HOLE MOUNT
(ENCAPSULATE AT A RIGHT ANGLE TO CONNECTOR)

TERMINATION OPTIONS

NO. OF CONTACTS	A MAX	B BSC	C 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

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

TITLE

MICRO-D METAL SHELL
FLEX CIRCUIT TERMINATION

SHT 1 OF 3

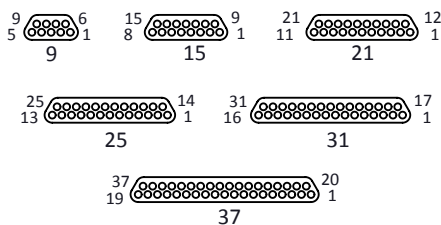
DWG. NO.

MFX

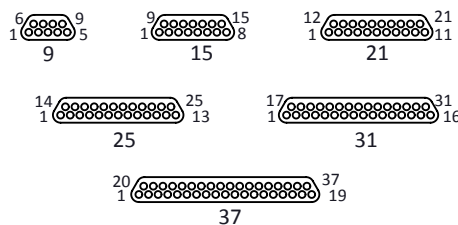
REV

F

PLUG MATING FACE



RECEPTACLE MATING FACE



MFXXXXX-X-X-X

CRISTEK FLEX TERMINATION
MICRO-D CONNECTORS
(MATE WITH M83513)

NUMBER OF CONTACTS
009 025
015 031
021 037

GENDER
P = PLUG, PIN CONTACTS
S = RECEPTACLE, SOCKET CONTACTS

HARDWARE
0 = NONE
FACTORY INSTALLED (NON-REMOVABLE)
J = HIGH PROFILE HEX DRIVE JACKSCREW
F = FLOAT MOUNT
K = HIGH PROFILE SLOTTED JACKSCREW
L = LOW PROFILE HEX DRIVE JACKSCREW *
T = THREADED INSERT
M83513 HARDWARE - FACTORY INSTALLED
2 = LOW PROFILE HEX DRIVE JACKSCREW *
3 = HIGH PROFILE HEX DRIVE JACKSCREW
5 = LOW PROFILE SLOTTED JACKSCREW *
6 = HIGH PROFILE SLOTTED JACKSCREW
7 = JACKPOST KIT *

SHELL FINISH
A = CADMIUM
B = NICKEL
C = ANODIZE
D = CHEM FILM
E = BLACK CADMIUM
G = GOLD

TERMINATION
IN-LINE SURFACE MOUNT (PLUG ONLY)
(.017 x .004 FLAT LEAD, PRE-SOLDER DIPPED)
1 = .105 - .135 INCH
RIGHT-ANGLE THRU HOLE MOUNT (PLUG OR RECEPTACLE)
(26 AWG SOLID PRE-SOLDER DIPPED)
2 = 0.06 INCH
3 = 0.09 INCH
4 = 0.12 INCH
5 = EXTENDER CARD

* = MOST COMMONLY USED & STOCKED 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
INTERFACIAL SEAL - FLUOROSILICONE BLEND
PIN/SOCKET CONTACT - COPPER ALLOY

2. FINISH:

SHELL - SEE OPTIONS ABOVE
CONTACT - GOLD OVER NICKEL

3. SPECIFICATIONS:

CURRENT RATING ----- 3 AMPS MAX
TEMPERATURE RATING ----- -55° C TO +125° C
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN
DWV AT SEA LEVEL ----- 600 VAC
DWV AT 70,000 FT ALTITUDE --- 150 VAC
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD
ENGAGEMENT FORCE ----- 6 oz MAX
SEPARATION FORCE ----- 0.5 oz MIN

4. ADDITIONAL INFORMATION:

DESIGN AND PERFORMANCE IN GENERAL
ACCORDANCE WITH M83513 WHERE APPLICABLE.
FOR OTHER TERMINATIONS, CONTACT CRISTEK.

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

TITLE

**MICRO-D METAL SHELL
FLEX CIRCUIT TERMINATION**

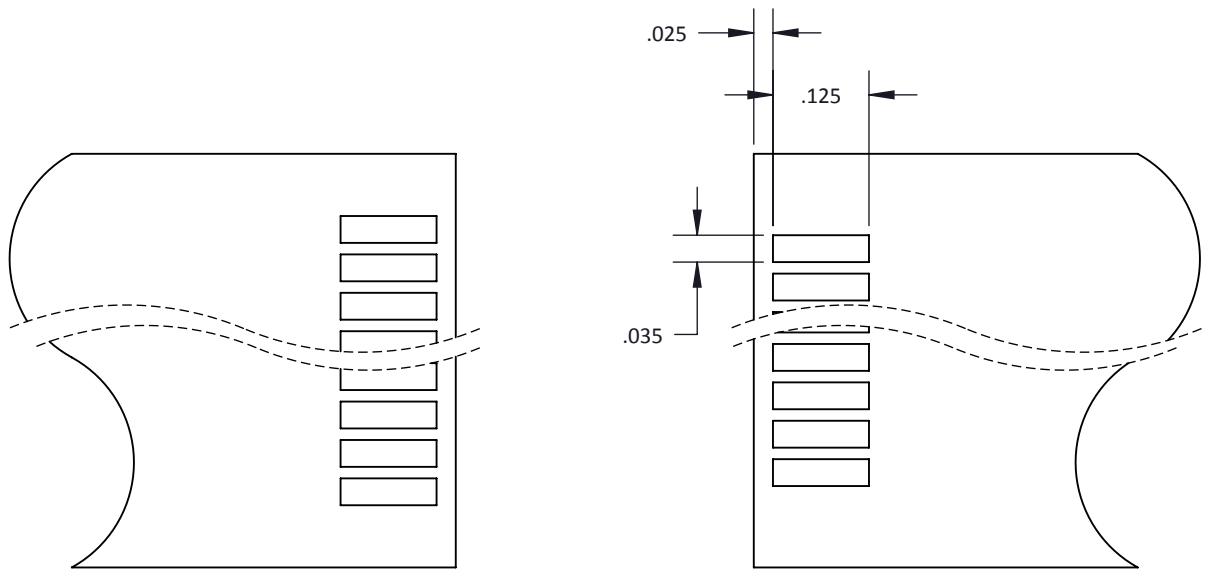
SHT 2 OF 3

DWG. NO.

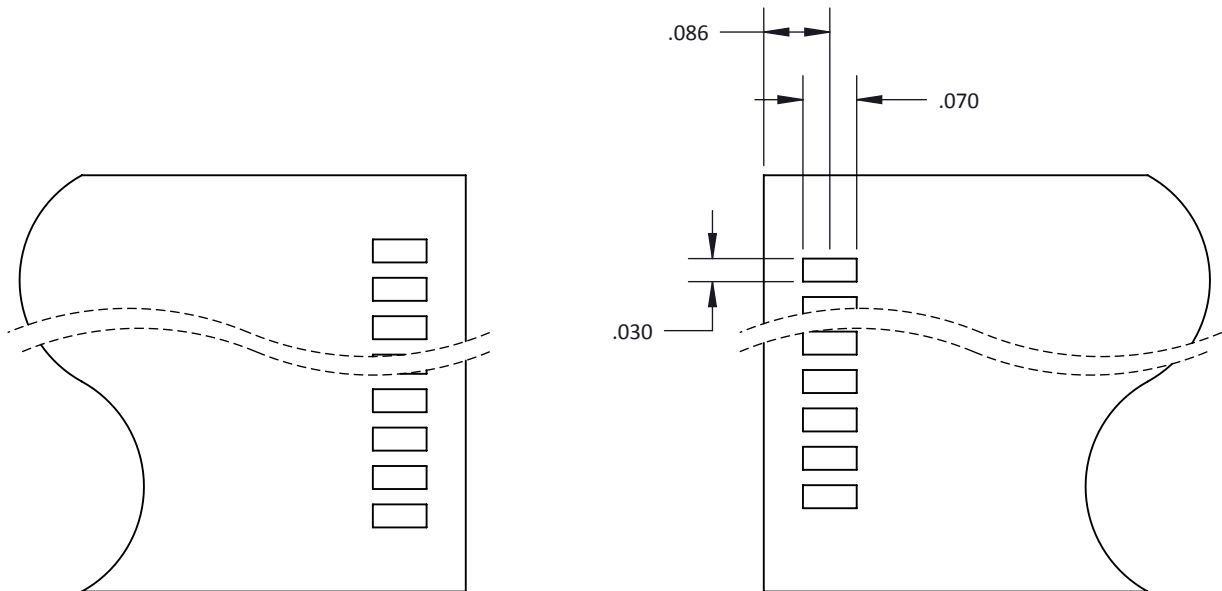
MFX

REV

F



IN-LINE SURFACE MOUNT
PAD DIMENSIONS



EXTENDER CARD
PAD DIMENSIONS

TOLERANCE: .XXX \pm .005
.XX \pm .01
ANGLE \pm 1°

TITLE

MICRO-D METAL SHELL
FLEX CIRCUIT TERMINATION

SHT 3 OF 3

DWG. NO.

MFX

REV

F