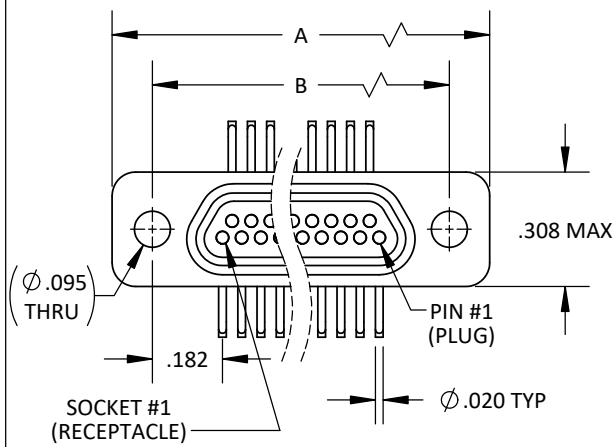
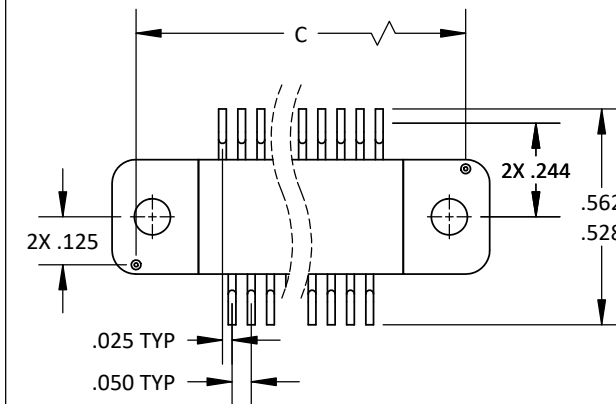
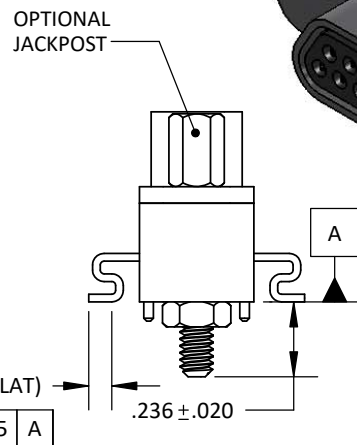
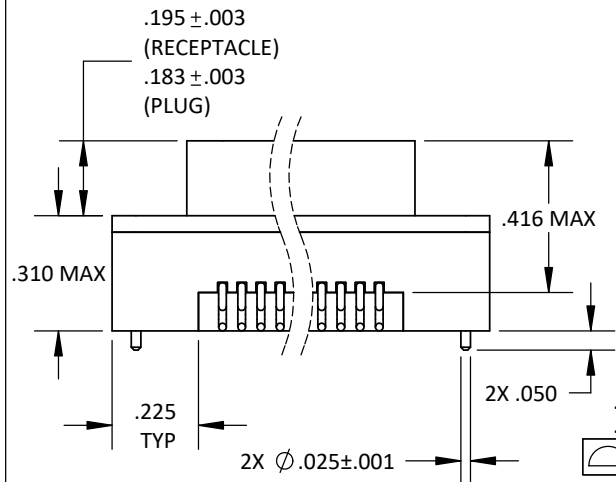
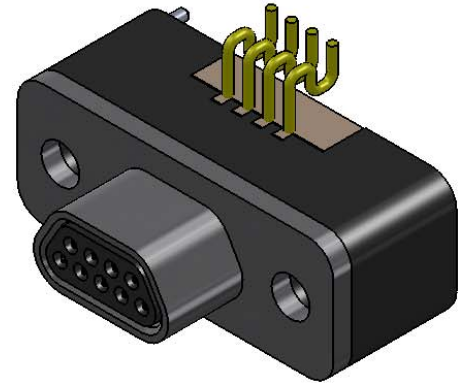


**MICRO-D METAL SHELL
SURFACE MOUNT VERTICAL**



NO. OF CONTACTS	A MAX	B	C ±.010	D ±.010
9	.785	.565	.650	.325
15	.935	.715	.800	.400
21	1.085	.865	.950	.475
25	1.185	.965	1.050	.525
31	1.335	1.115	1.200	.600
37	1.485	1.265	1.350	.675



SMV - X XXX - X X 0

**SURFACE MOUNT METAL SHELL
VERTICAL MICRO-D**

GENDER
1 = RECEPTACLE, SOCKET CONTACTS
2 = PLUG, PIN CONTACTS

NUMBER OF CONTACTS
009 021 031
015 025 037

SHELL HARDWARE
0 = NO HARDWARE
1 = JACKPOST

SHELL FINISH
A = CADMIUM
B = NICKEL

TBD

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
- LOCATING PIN - STAINLESS STEEL

2. FINISH:

- SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
- PIN/SOCKET CONTACT - GOLD OVER NICKEL
- LEADS - HOT SOLDER DIPPED
- LOCATING PIN - PASSIVATED

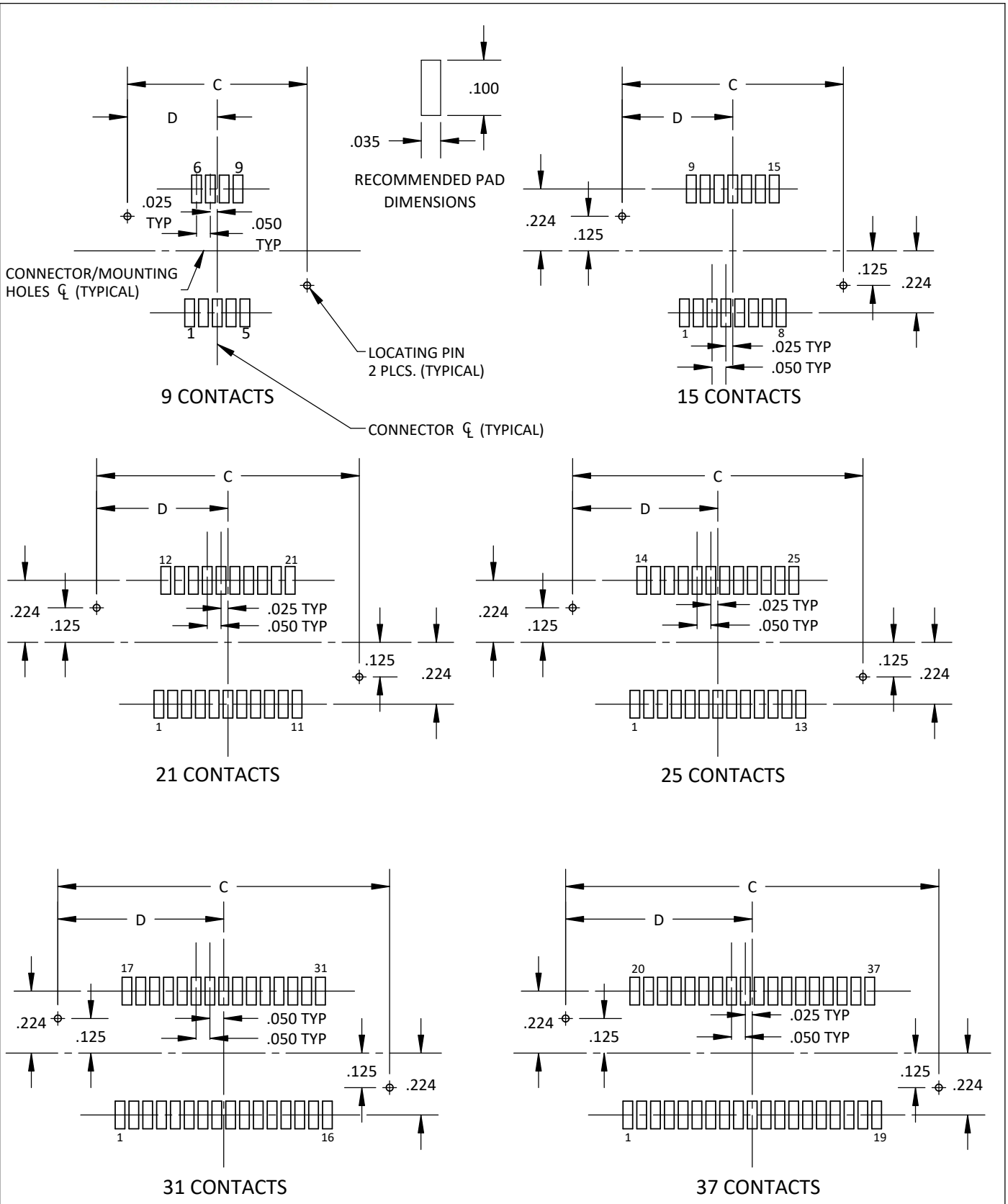
3. SPECIFICATIONS:

- 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 RESISTANCE ----- 60 mV DROP MAX AT 2.5 AMPS
- LOW LEVEL CONTACT ----- 25 MILLIOHMS MAX RESISTANCE
- 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.

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL SURFACE MOUNT VERTICAL	SHT 1 OF 3	DWG. NO. SMV	REV L
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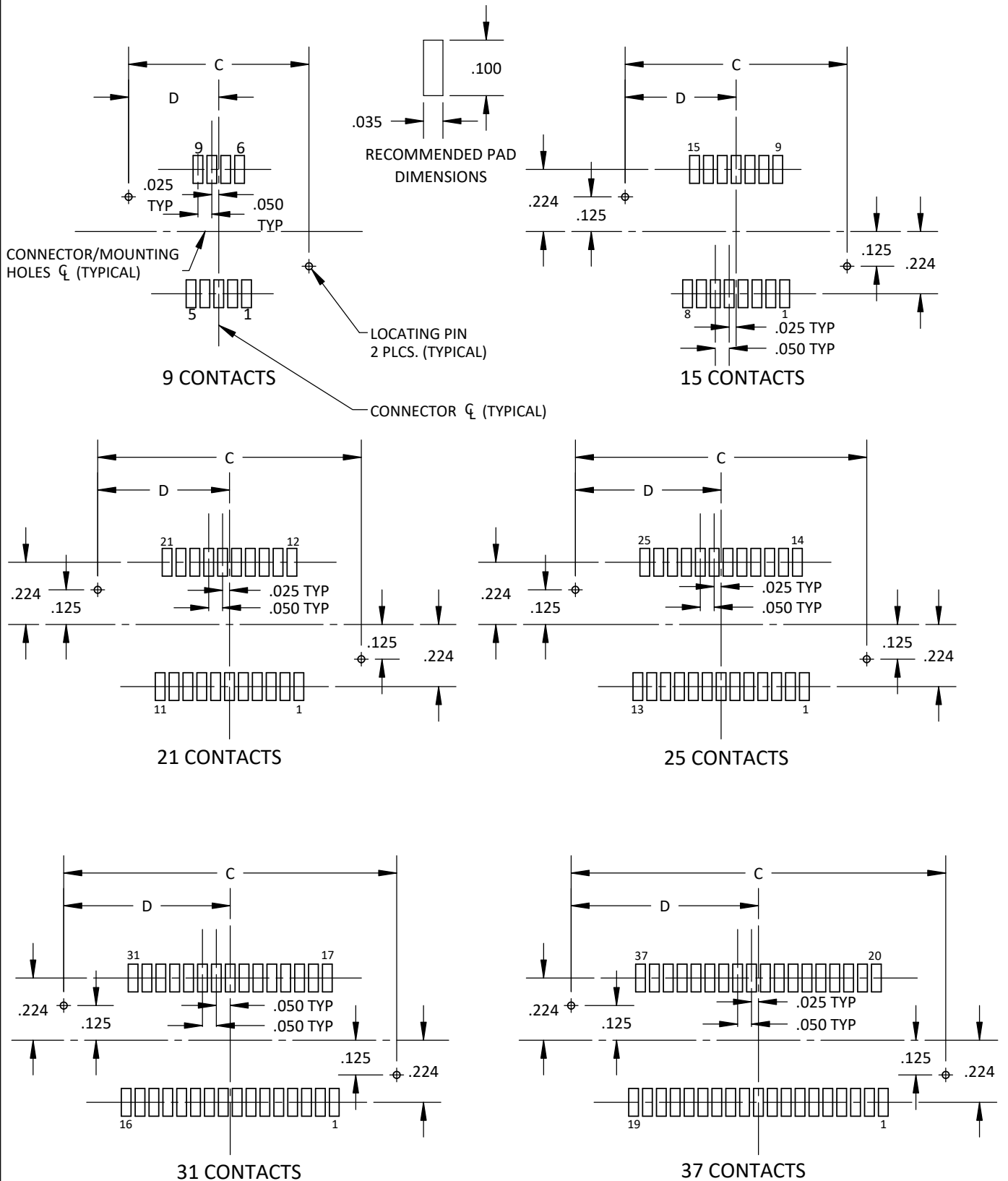
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
**MICRO-D METAL SHELL
SURFACE MOUNT VERTICAL**

SHT 2 OF 3

DWG. NO.
SMV

REV
L



PLUG PCB LAYOUT

<p>TOLERANCE: .XXX \pm .005 .XX \pm .01 ANGLE \pm 1°</p>	<p>TITLE MICRO-D METAL SHELL SURFACE MOUNT VERTICAL</p>	<p>SHT 3 OF 3</p>	<p>DWG. NO. SMV</p>	<p>REV L</p>
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