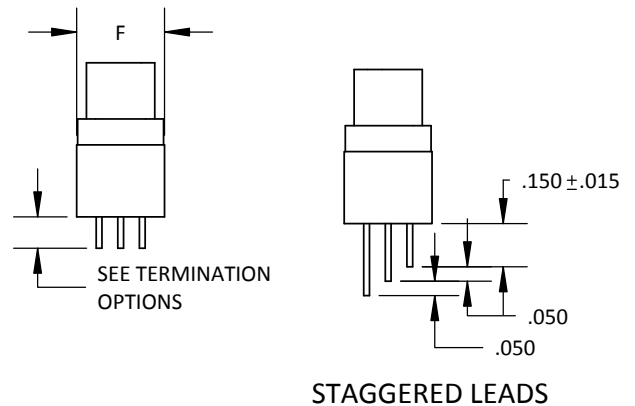


BODY STYLE #1

BODY STYLE #2

NO. OF POSITIONS	A MAX	B	C MAX	D PLUG	D RECEPT	E MAX	F MAX	G MAX
9	.785	.565	.310	.183	.195	.355	.310	.420
15	.935	.715	.310	.183	.195	.355	.310	.550
21	1.085	.865	.310	.183	.195	.355	.310	.700
25	1.185	.965	.310	.183	.195	.355	.310	.800
31	1.335	1.115	.310	.183	.195	.355	.310	.950
37	1.485	1.265	.310	.183	.195	.355	.310	1.100
51	1.435	1.215	.351	.183	.195	.355	.351	1.090
100	2.170	1.800	.394	.183	.195	.430	.470	1.540



STAGGERED LEADS

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

TITLE MICRO-D METAL CONNECTOR,
VERTICAL BOARD MOUNT,
.075 X .075 FOOTPRINT

SHT 1 OF 4

DWG. NO.

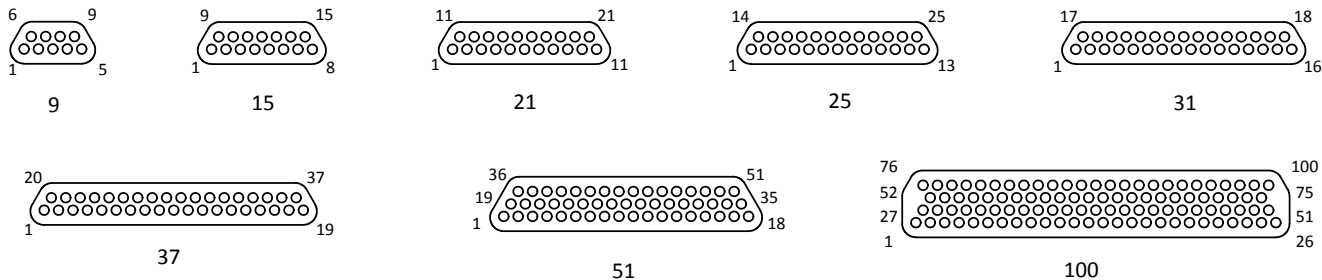
MSV

REV

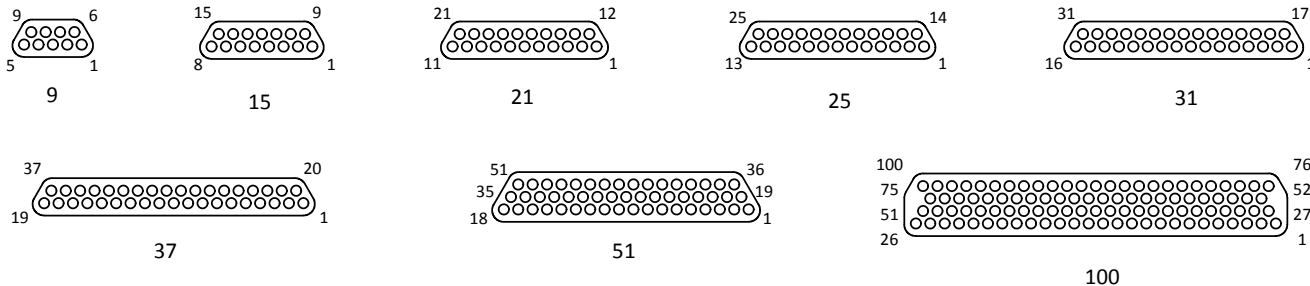
G



MICRO-D METAL CONNECTOR VERTICAL BOARD MOUNT, .075 X .075 FOOTPRINT



RECEPTACLE MATING FACE



PLUG MATING FACE

MSV - X XXX - X X X - X

MICRO-D METAL SHELL
VERTICAL MOUNT

GENDER
1 = RECEPTACLE
2 = PLUG

NUMBER OF CONTACTS
009 025 051
015 031 100
021 037

HARDWARE
1 = JACKPOST BODY STYLE #2
2 = LOW PROFILE HEX JACKSCREW BODY STYLE #1
3 = JACKPOST BODY STYLE #1
4 = FLOAT MOUNT BODY STYLE #1
5 = NO HARDWARE BODY STYLE #1
6 = NO HARDWARE BODY STYLE #2
7 = METRIC THREADED INSERT BODY STYLE #2
8 = JACKPOST AND UN THREADED INSERT BODY STYLE #2
9 = JACKPOST AND METRIC THREADED INSERT BODY STYLE #2

TERMINATION LENGTH
1 = .109 ± .015
2 = .150 ± .015
3 = .190 ± .015
4 = .250 ± .015
5 = STAGGERED TAIL LENGTH

TERMINATION PLATING
G = GOLD
T = HOT SOLDER DIP

SHELL FINISH
ALUMINUM
A = CADMIUM
B = ELECTROLESS NICKEL
C = CHEM FILM
D = BLACK ANODIZE
E = GOLD
STAINLESS STEEL
P = PASSIVATED

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

- MATERIALS:
SHELL - ALUMINUM ALLOY / STAINLESS STEEL
INSULATOR / BACKSHELL - GLASS FILLED THERMOPLASTIC
PIN/SOCKET CONTACT - COPPER ALLOY
INTERFACIAL SEAL - FLUOROSILICONE BLEND
- FINISH:
SHELL - ELECTROLESS NICKEL OR CADMIUM OVER
ELECTROLESS NICKEL OR
PASSIVATION
PIN/SOCKET CONTACT - GOLD OVER NICKEL

- 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 ----- 24 AWG = 25 MILLIOHMS MAX.
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD
ENGAGEMENT FORCE ----- 6 oz MAX
SEPARATION FORCE ----- 0.5 oz MIN

- ADDITIONAL INFORMATION:
DESIGN AND PERFORMANCE IN GENERAL
ACCORDANCE WITH M83513 WHERE APPLICABLE.
CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

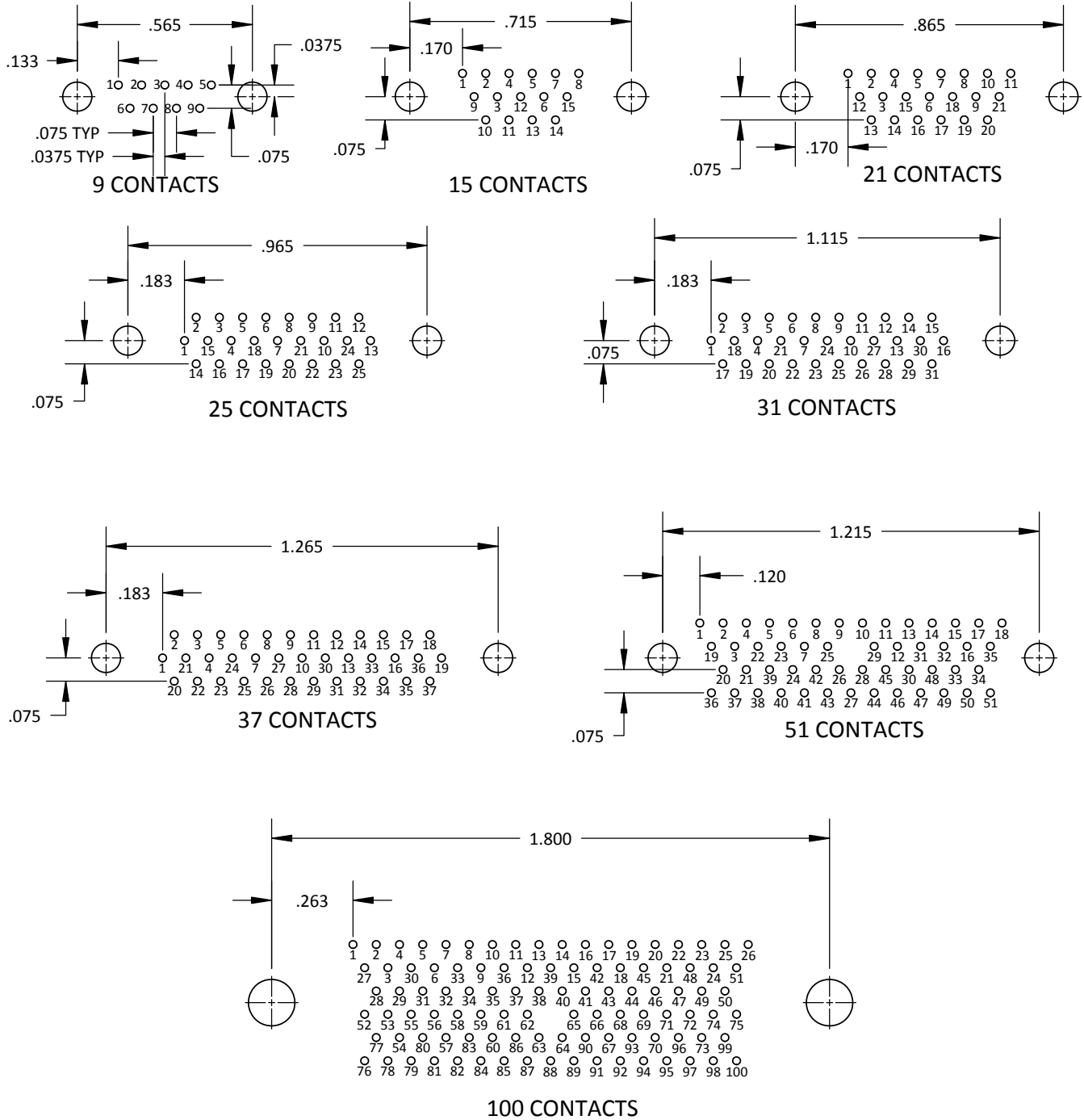
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE MICRO-D METAL CONNECTOR,
VERTICAL BOARD MOUNT,
.075 X .075 FOOTPRINT

SHT 2 OF 4

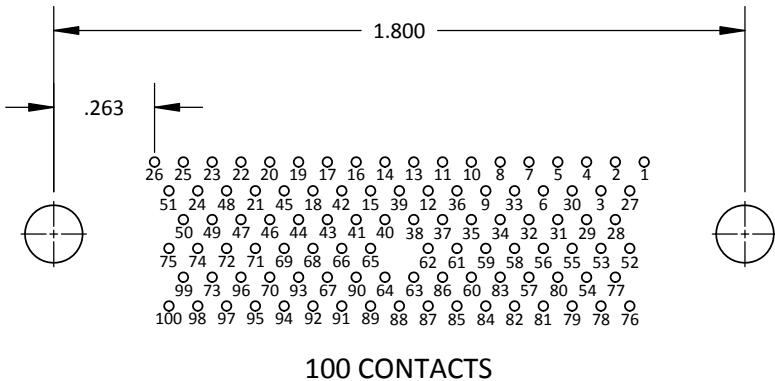
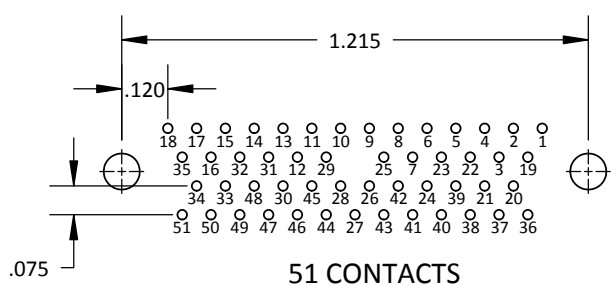
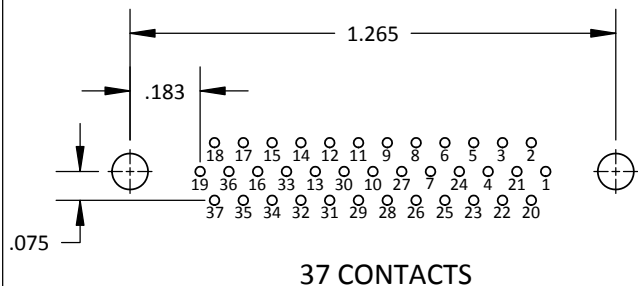
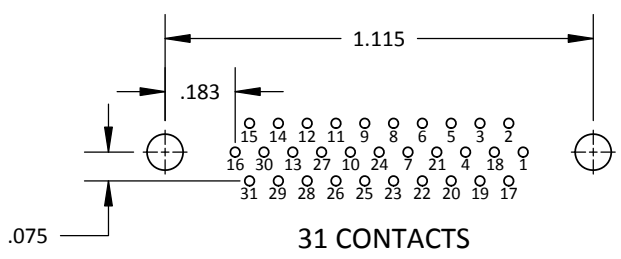
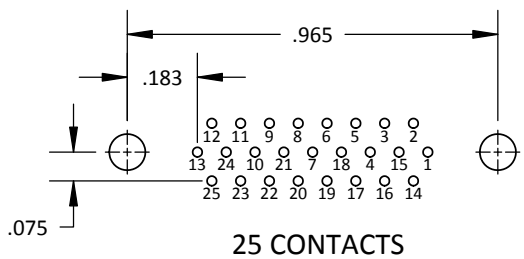
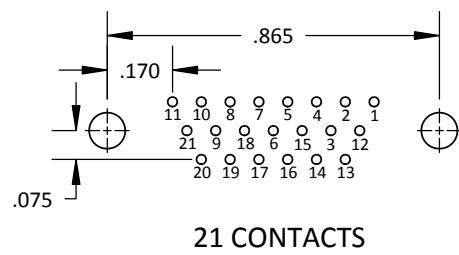
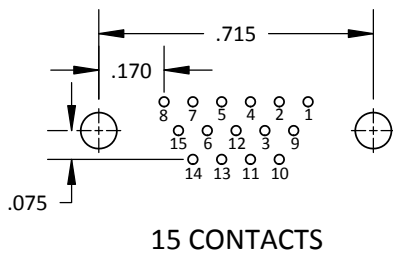
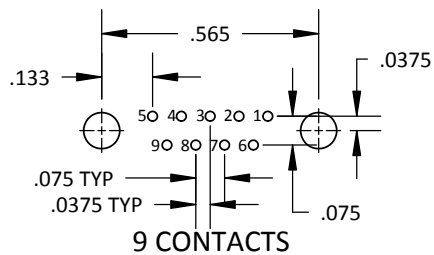
DWG. NO. MSV

REV G



MSV PLUG PCB LAYOUTS
.075 x .075 GRID PATTERN

<p>TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°</p>	<p>TITLE MICRO-D METAL CONNECTOR, VERTICAL BOARD MOUNT, .075 X .075 FOOTPRINT</p>	<p>SHT 3 OF 4</p>	<p>DWG. NO. MSV</p>	<p>REV G</p>
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MSV RECEPTACLE PCB LAYOUTS
.075 x .075 GRID PATTERN

<p>TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°</p>	<p>TITLE MICRO-D METAL CONNECTOR, VERTICAL BOARD MOUNT, .075 X .075 FOOTPRINT</p>	<p>SHT 4 OF 4</p>	<p>DWG. NO. MSV</p>	<p>REV G</p>
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