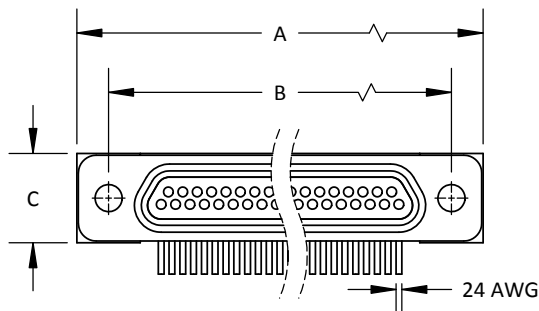
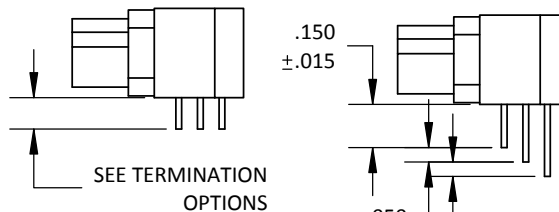


BODY STYLE #1



BODY STYLE #2

NO. OF POSITIONS	A MAX	B	C MAX	D PLUG	D RECEPT	E MAX	F MAX	G MAX
9	.787	.565	.310	.183	.195	.400	.250	.420
15	.937	.715	.310	.183	.195	.400	.250	.550
21	1.087	.865	.310	.183	.195	.400	.250	.700
25	1.187	.965	.310	.183	.195	.400	.250	.800
31	1.337	1.115	.310	.183	.195	.400	.250	.950
37	1.487	1.265	.310	.183	.195	.400	.250	1.100
51	1.435	1.215	.351	.183	.195	.490	.300	1.090
100	2.170	1.800	.394	.183	.195	.660	.400	1.540



STAGGERED LEADS

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

TITLE **MICRO-D METAL CONNECTOR,
RIGHT ANGLE BOARD MOUNT,
.075 X .075 FOOTPRINT**

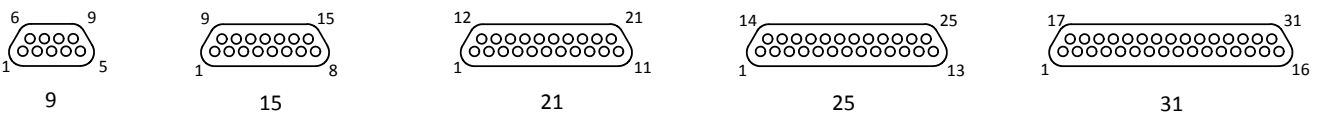
SHT 1 OF 4

DWG. NO.

MSR

REV

K

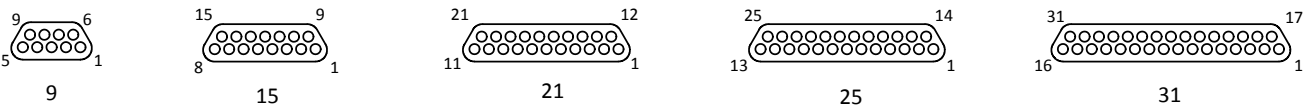


37

51

100

RECEPTACLE MATING FACE



37

51

100

PLUG MATING FACE

MSR - X XXX - X X X X - X

MICRO-D METAL SHELL
RIGHT ANGLE 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 = HIGH PROFILE HEX JACKSCREW BODY STYLE #1
- 4 = UN THREADED INSERT BODY STYLE #1
- 5 = NO HARDWARE BODY STYLE #1
- 6 = NO HARDWARE BODY STYLE #2
- 7 = METRIC THREADED INSERT BODY STYLE #1
- 8 = FLOAT MOUNT BODY STYLE #1
- 9 = JACKPOST BODY STYLE #1

THREADED INSERT (OMIT IF NOT USED)

- T = UN THREADED INSERT
BODY STYLE #2 IN BACKSHELL
- M = METRIC THREADED INSERT
BODY STYLE #2 IN BACKSHELL

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 WHERE APPLICABLE
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:

SHELL - ALUMINUM ALLOY / STAINLESS STEEL
INSULATOR / BACKSHELL - GLASS FILLED THERMOPLASTIC
PIN/SOCKET CONTACT - COPPER ALLOY
INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:

SHELL - ELECTROLESS NICKEL OR CADMIUM OVER
ELECTROLESS NICKEL OR
PASSIVATION
PIN/SOCKET 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 RESISTANCE ----- 24 AWG = 25 MILLIOHMS MAX.
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.
CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

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

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

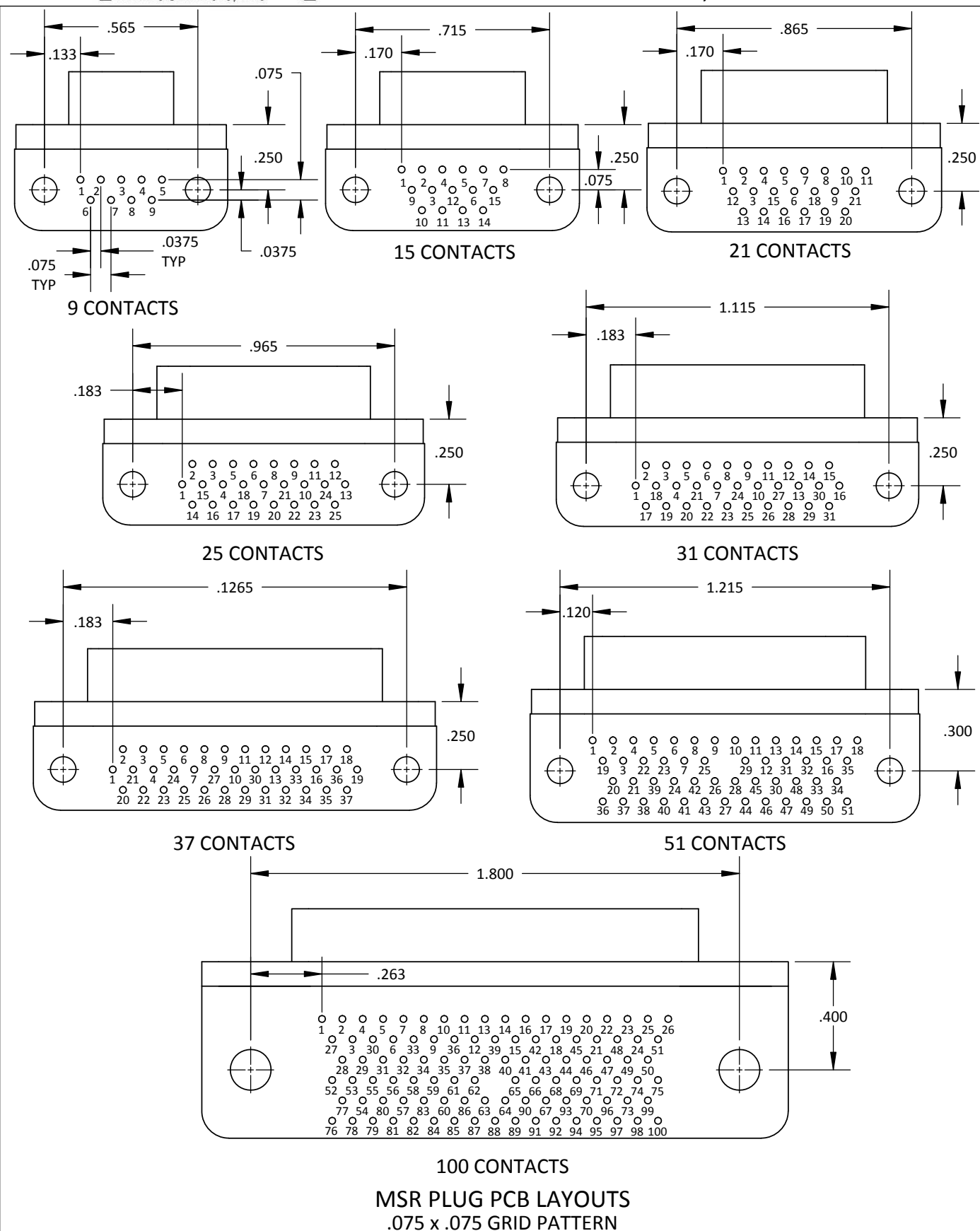
SHT 2 OF 4

DWG. NO.

MSR

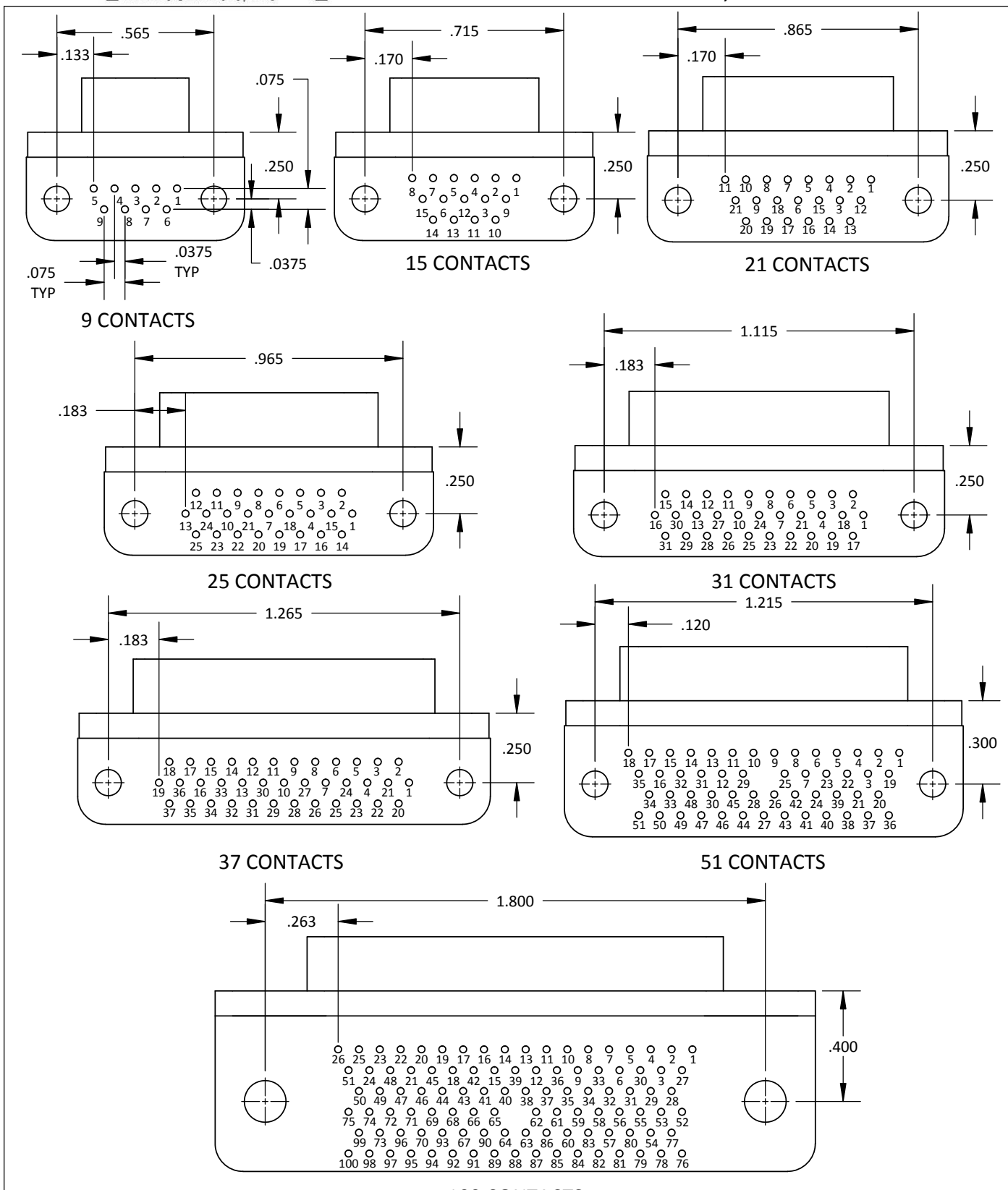
REV

K



100 CONTACTS
MSR PLUG PCB LAYOUTS
.075 x .075 GRID PATTERN

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

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