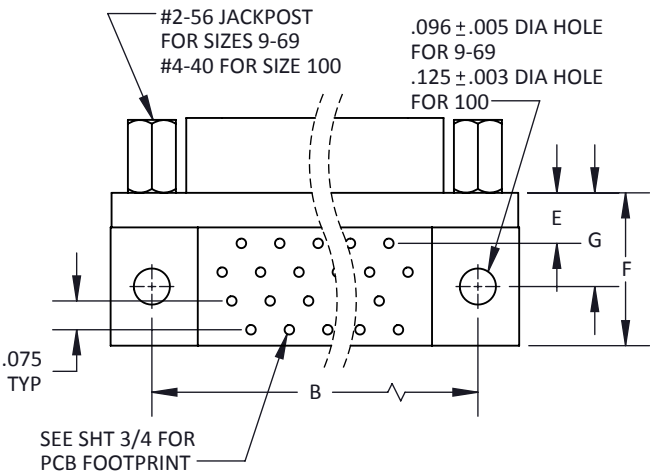
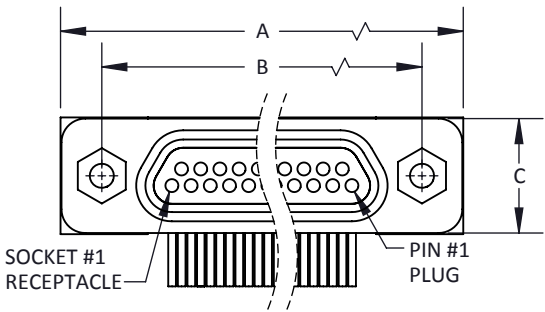
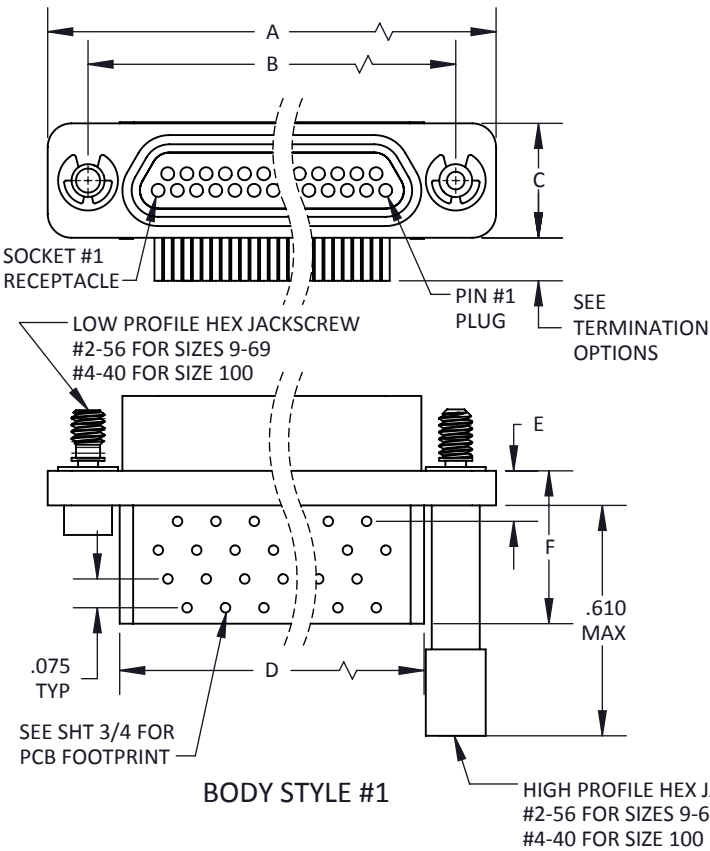
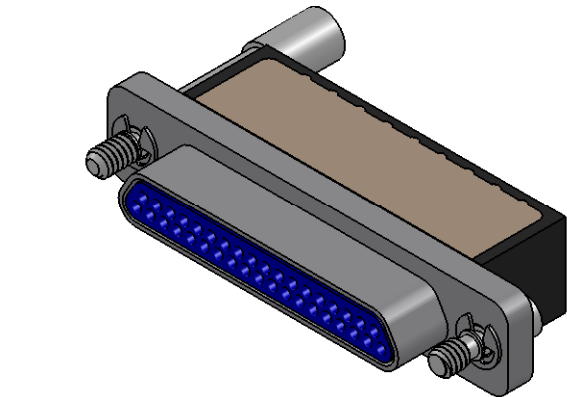
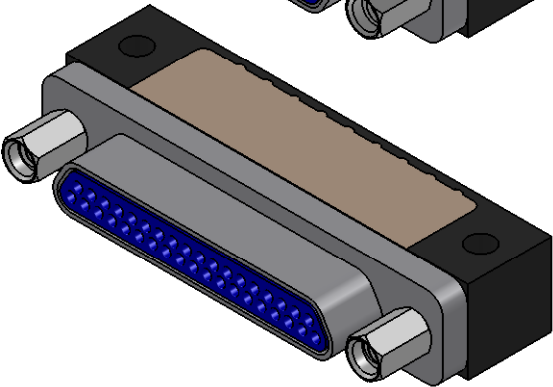
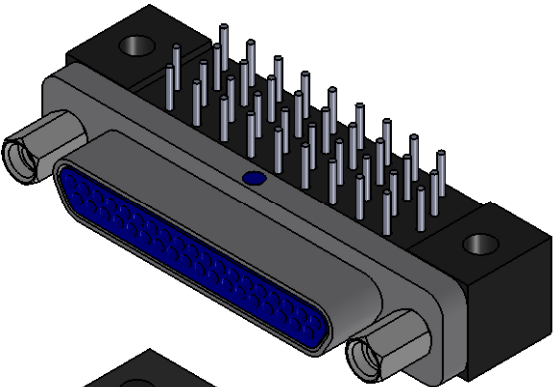


NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX	E MAX	F MAX	G MAX
9	.785	.565	.308	.400	.138	.410	.250
15	.935	.715	.308	.550	.138	.410	.250
21	1.085	.865	.308	.700	.138	.410	.250
25	1.185	.965	.308	.800	.138	.410	.250
31	1.335	1.115	.308	.950	.138	.410	.250
37	1.485	1.265	.308	1.100	.138	.410	.250
51	1.435	1.215	.351	1.045	.145	.500	.295
69	1.735	1.515	.351	1.350	.145	.500	.295
100	2.170	1.800	.394	1.550	.163	.615	.350



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

TITLE
MICRO-D METAL SHELL,
RIGHT ANGLE BOARD MOUNT,
CONDENSED

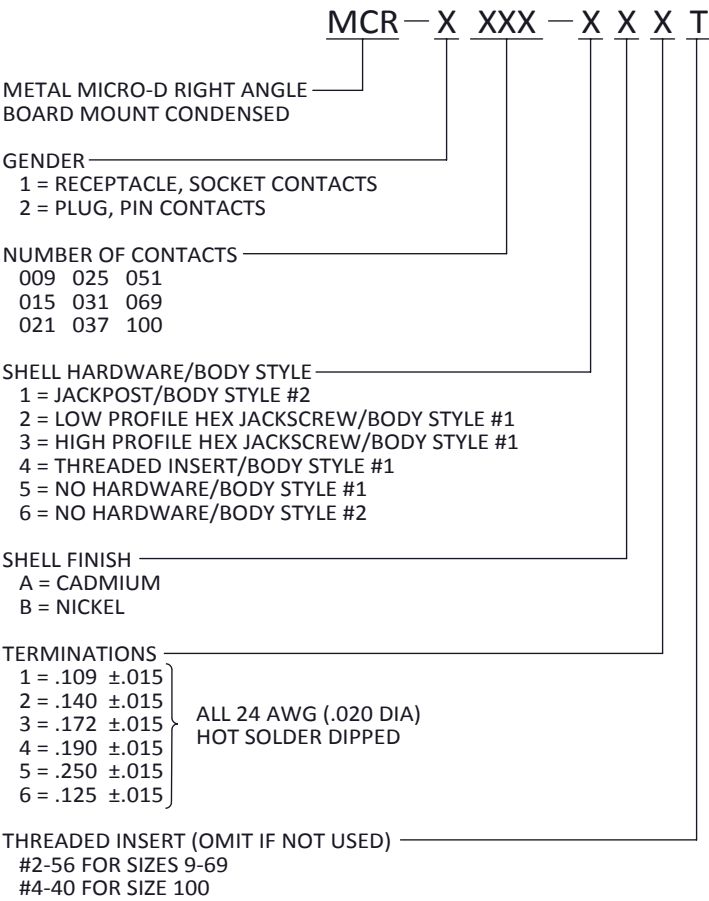
SHT 1 OF 4

DWG. NO.
MCR

REV
N



MICRO-D METAL SHELL,
RIGHT ANGLE BOARD MOUNT, CONDENSED



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

1. MATERIALS:

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

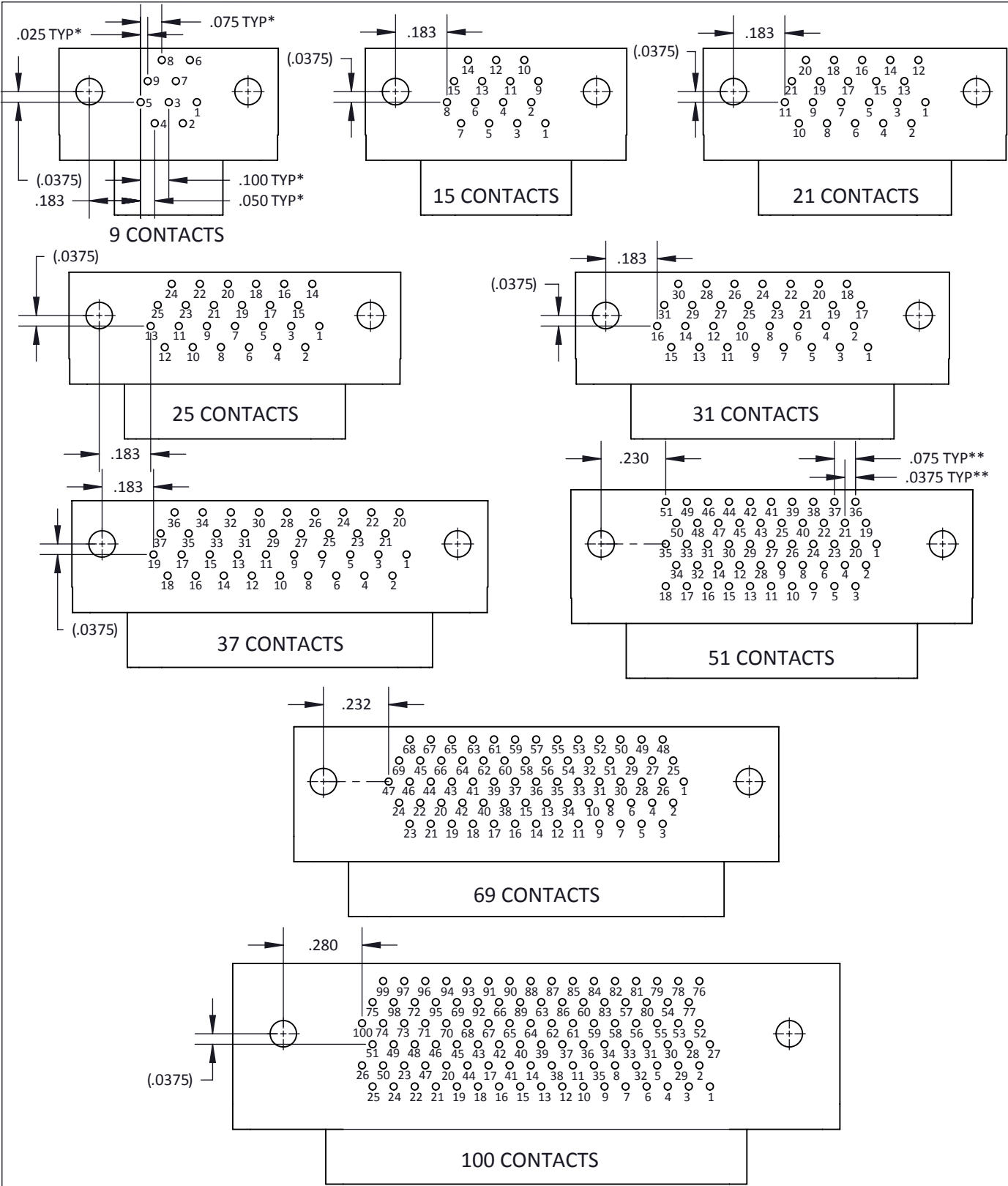
2. FINISH:

 - SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
 - 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 SHELL, RIGHT ANGLE BOARD MOUNT, CONDENSED	SHT 2 OF 4	DWG. NO. MCR	REV N
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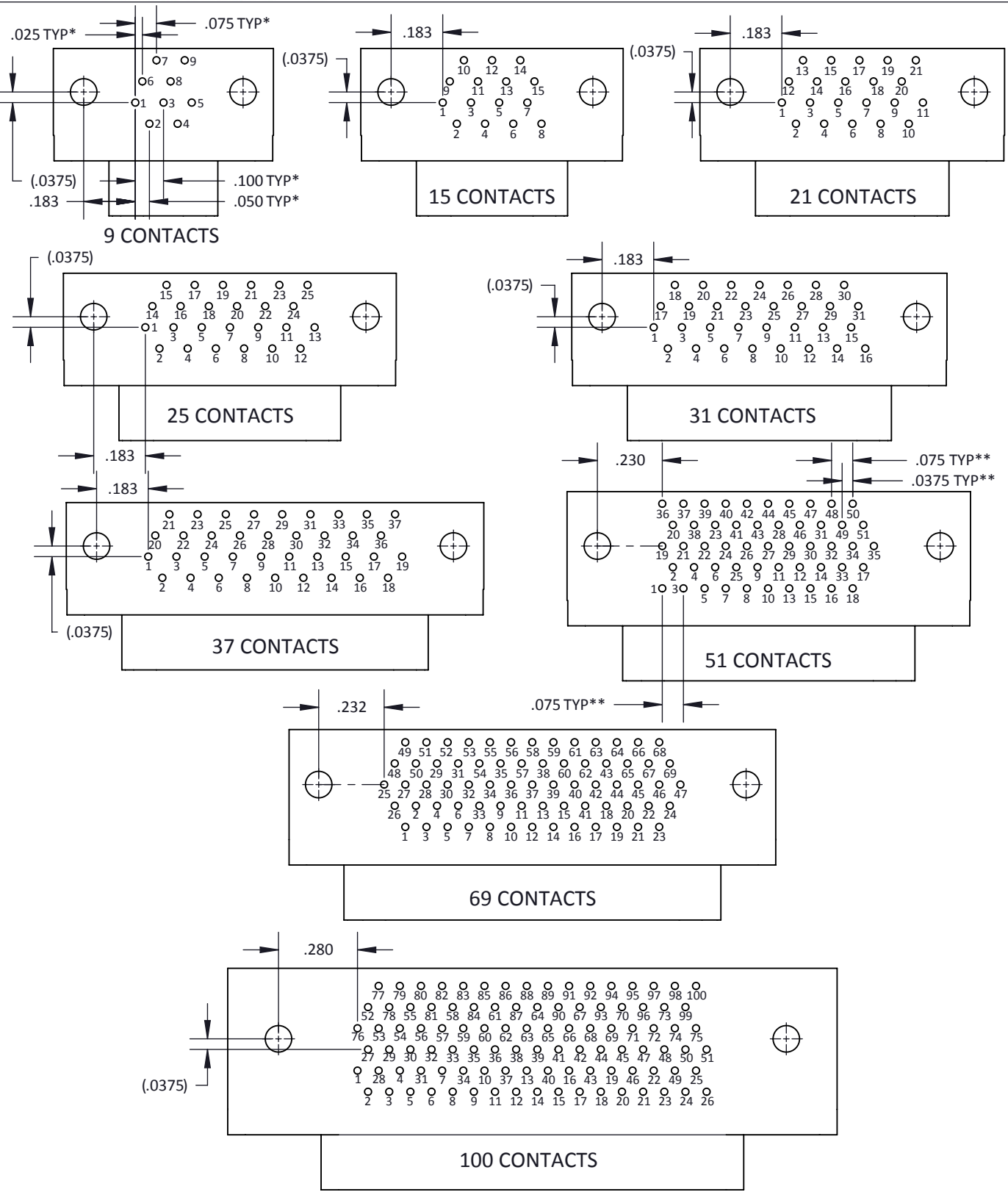


MCR PLUG PCB LAYOUTS

* SIZES 9-37: .100 X .075 GRID PATTERN OFFSET BY .050

** SIZES 51-100: .075 X .075 GRID PATTERN OFFSET BY .0375

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL, RIGHT ANGLE BOARD MOUNT, CONDENSED	SHT 3 OF 4	DWG. NO. MCR	REV N
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MCR RECEPTACLE PCB LAYOUTS

* SIZES 9-37: .100 X .075 GRID PATTERN OFFSET BY .050

** SIZES 51-100: .075 X .075 GRID PATTERN OFFSET BY .0375

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL, RIGHT ANGLE BOARD MOUNT, CONDENSED	SHT 4 OF 4	DWG. NO. MCR	REV N
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