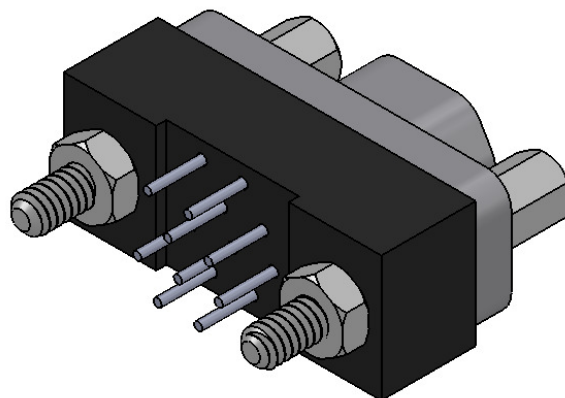
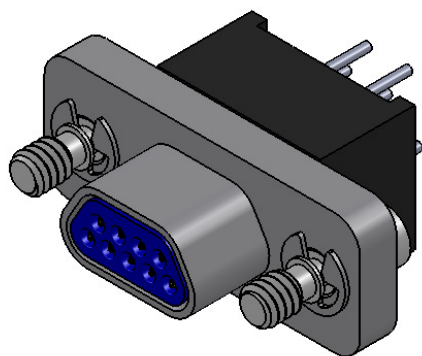


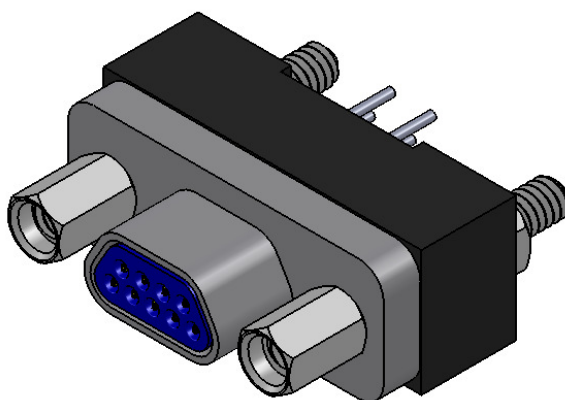
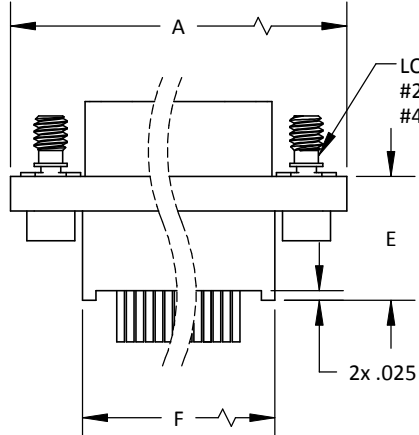
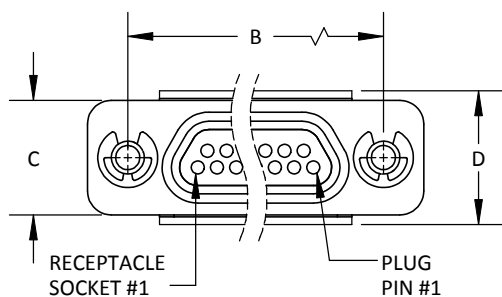
NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX	E MAX	F MAX JACKSCREW BODY STYLE #1 ONLY
9	.785	.565	.308	.310	.330	.400
15	.935	.715	.308	.310	.330	.550
21	1.085	.865	.308	.310	.330	.700
25	1.185	.965	.308	.310	.330	.800
31	1.335	1.115	.308	.310	.330	.950
37	1.485	1.265	.308	.310	.330	1.100
51	1.435	1.215	.351	.400	.345	1.045
69	1.735	1.515	.351	.400	.345	1.333
100	2.170	1.800	.394	.510	.400	1.550



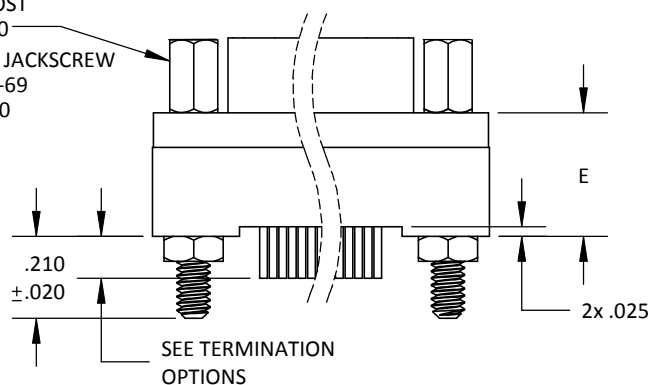
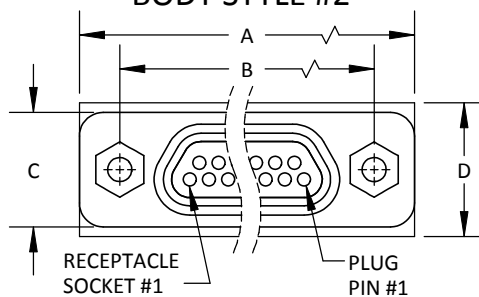
BACK VIEW



BODY STYLE #1



BODY STYLE #2



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

TITLE
**MICRO-D METAL SHELL
STRAIGHT BOARD MOUNT, CONDENSED**

SHT 1 OF 4

DWG. NO.

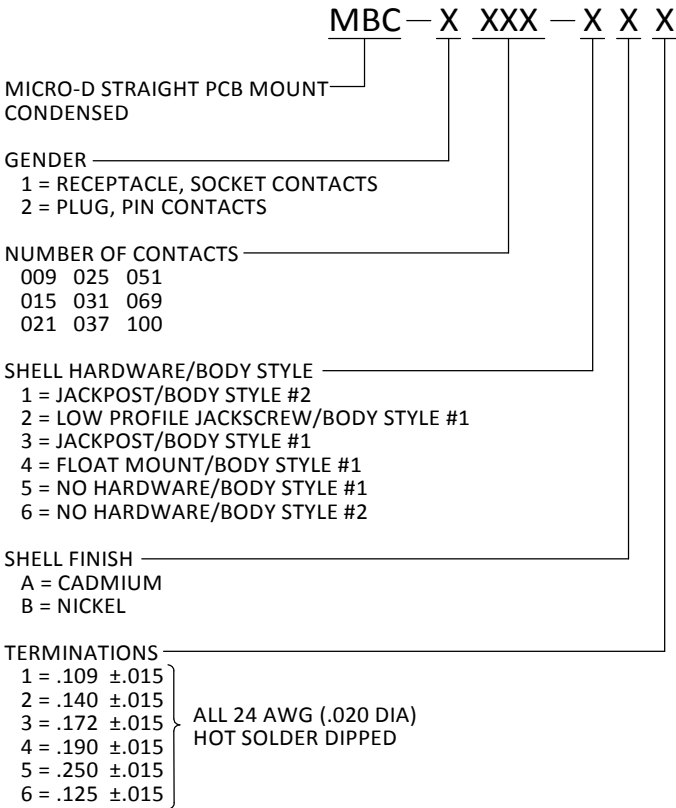
MBC

REV

T



MICRO-D METAL SHELL
STRAIGHT 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:

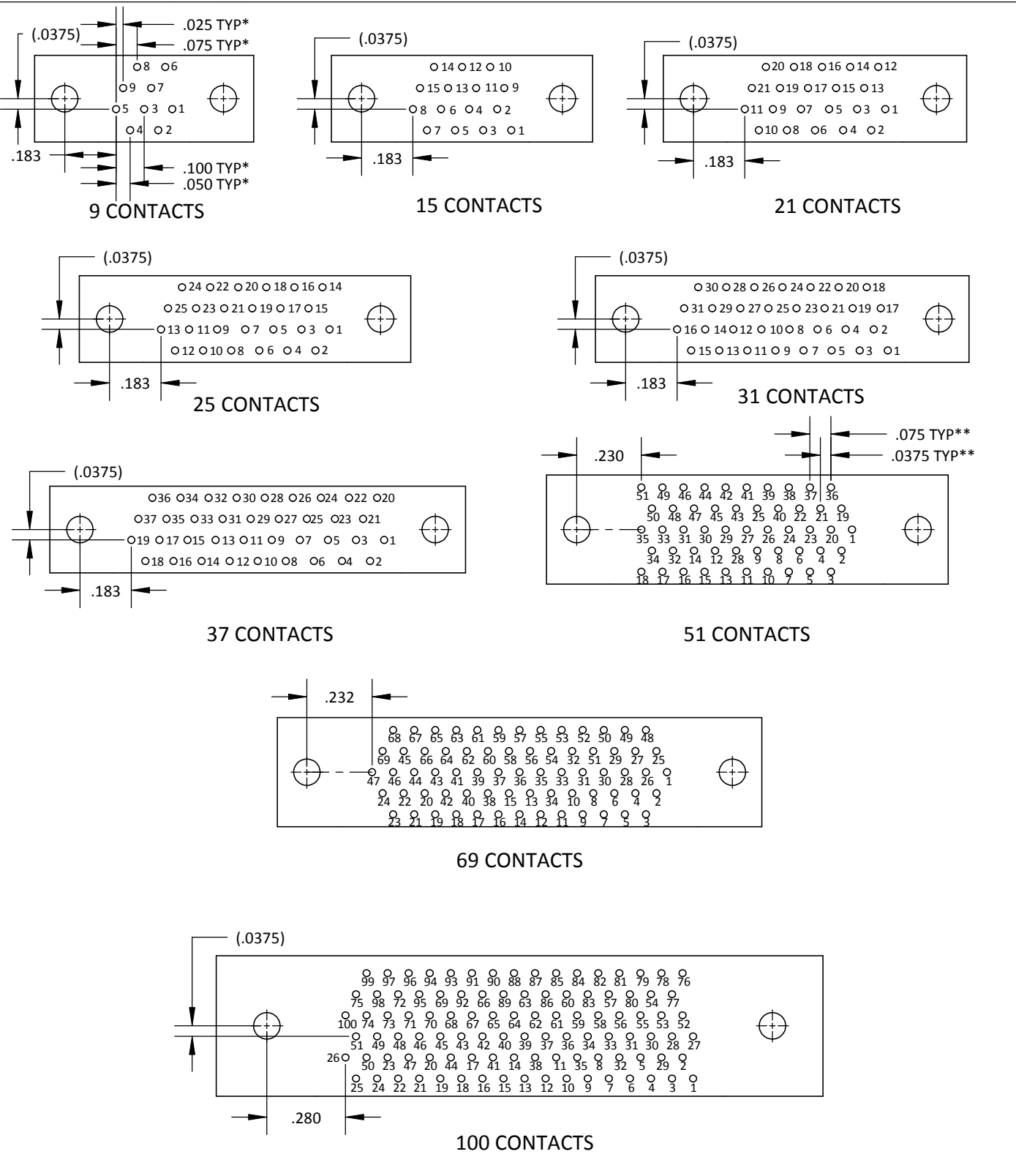
 - CURRENT RATING ----- 3 AMPS MAX
 - TEMPERATURE RATING ----- -55° C TO +125° C
 - INSULATION RESISTANCE ----- 5000 MEGOHMS MIN
 - DWV AT SEA LEVEL ----- 600 VAC
 - DWV AT 70,000 FT ALTITUDE --- 150 VAC
 - CONTACT RESISTANCE ----- 24 AWG = 25 MILLIOHMS MAX.
 - CONTACT RETENTION ----- 5 lb MINIMUM AXIAL 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 STRAIGHT BOARD MOUNT, CONDENSED	SHT 2 OF 4	DWG. NO. MBC	REV T
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MICRO-D METAL SHELL
STRAIGHT BOARD MOUNT, CONDENSED



37 CONTACTS

51 CONTACTS

69 CONTACTS

100 CONTACTS

MBC PLUG PCB LAYOUTS

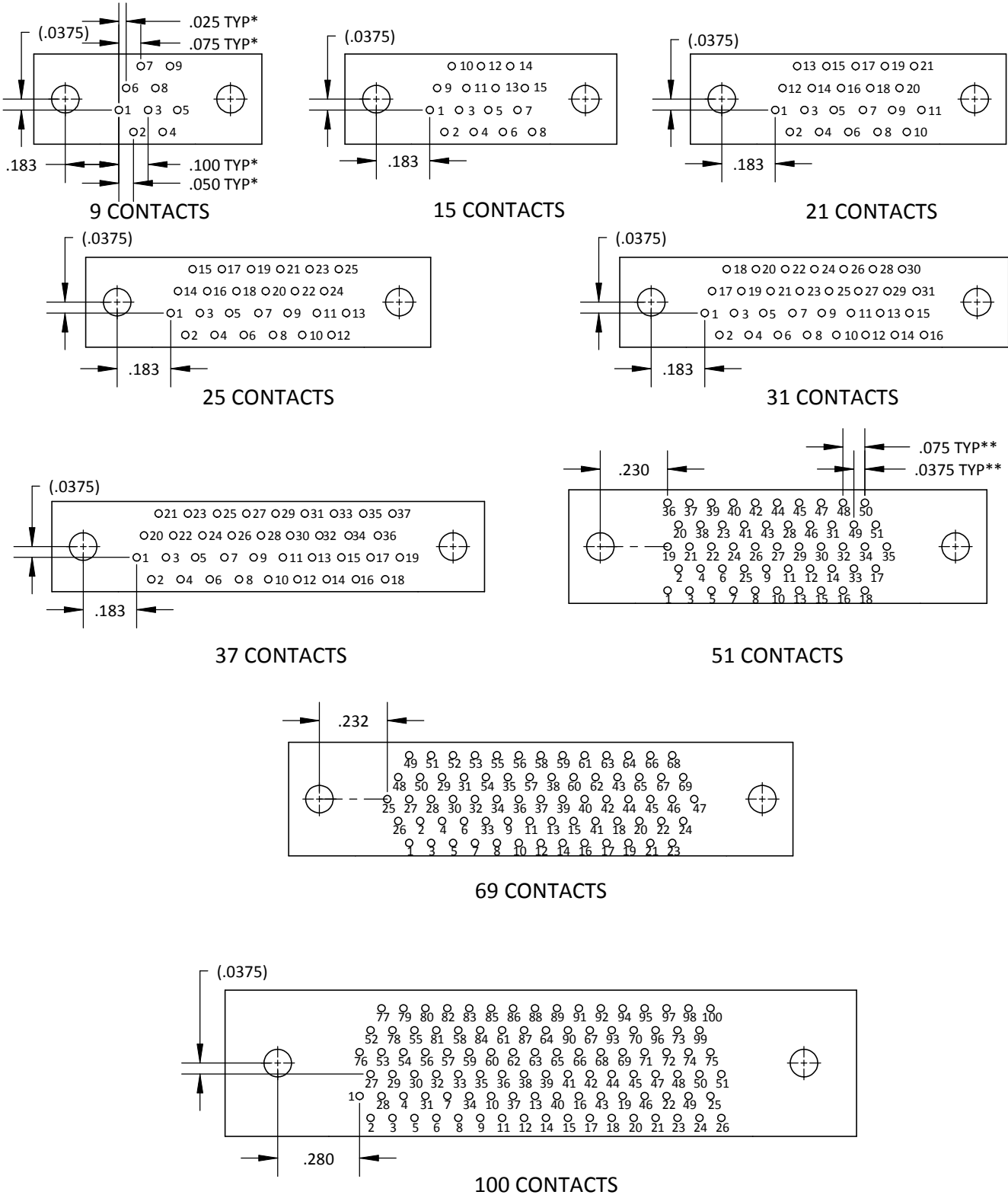
* SIZES 9-37: 0.100 X 0.075 GRID PATTERN OFFSET BY 0.050

** SIZES 51-100: 0.075 X 0.075 GRID PATTERN OFFSET BY 0.0375

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL STRAIGHT BOARD MOUNT, CONDENSED	SHT 3 OF 4	DWG. NO. MBC	REV T
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MICRO-D METAL SHELL
STRAIGHT BOARD MOUNT, CONDENSED



37 CONTACTS

51 CONTACTS

69 CONTACTS

100 CONTACTS

MBC RECEPTACLE PCB LAYOUTS

* SIZES 9-37: 0.100 X 0.075 GRID PATTERN OFFSET BY 0.050

** SIZES 51-100: 0.075 X 0.075 GRID PATTERN OFFSET BY 0.0375

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