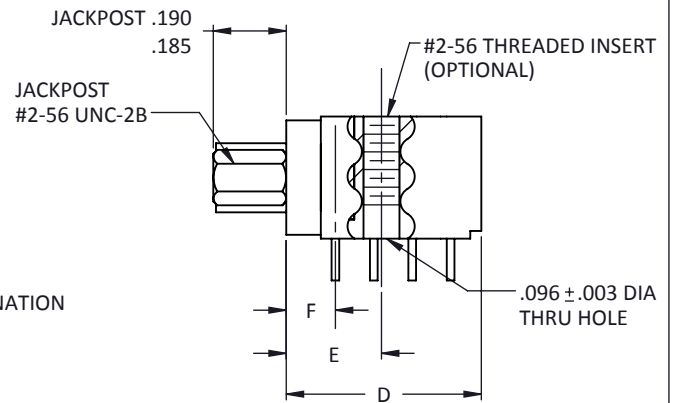
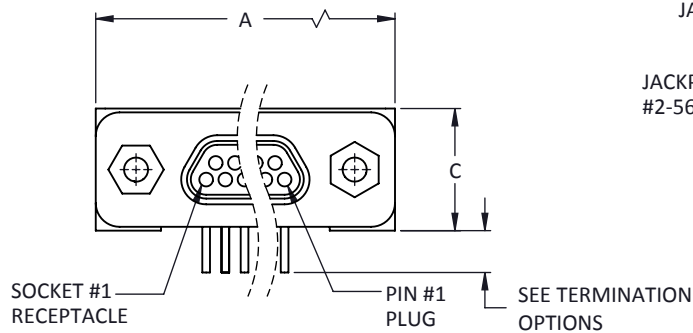
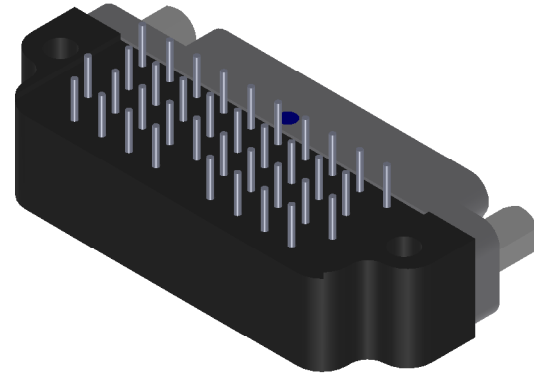
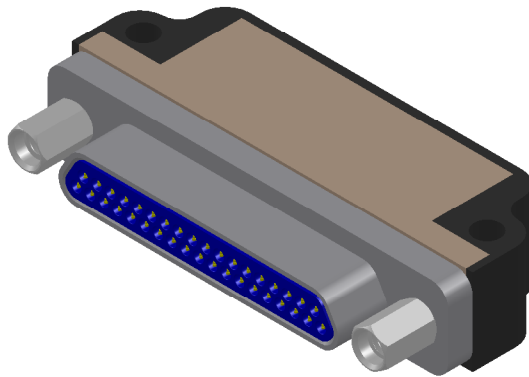
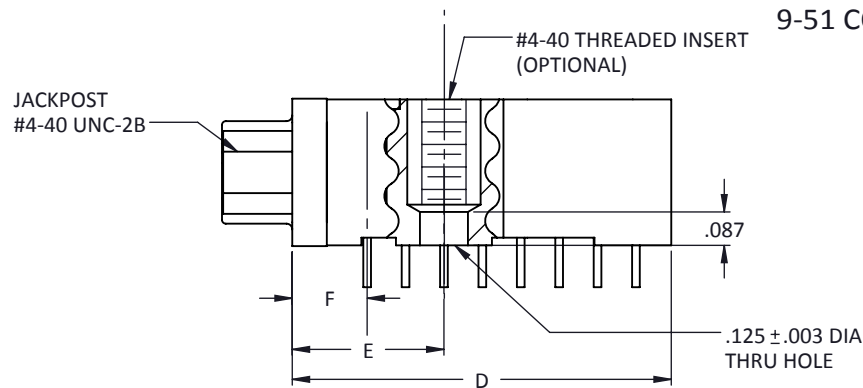


NO. OF CONTACTS	A MAX	B MAX	C MAX	D MAX	E ±.01	F ±.01
9	.787	.565	.325	.425	.25	.23
15	.937	.715	.325	.425	.25	.13
21	1.087	.865	.325	.425	.25	.13
25	1.187	.965	.325	.425	.25	.13
31	1.337	1.115	.325	.525	.25	.13
37	1.487	1.265	.325	.525	.25	.13
51	1.435	1.215	.360	.660	.30	.15
69	1.735	1.515	.360	.650	.30	.15
100	2.170	1.800	.420	1.010	.40	.20



9-51 CONTACTS



100 CONTACTS

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

TITLE  
**MICRO-D METAL SHELL  
RIGHT ANGLE P.C.B. MOUNT**

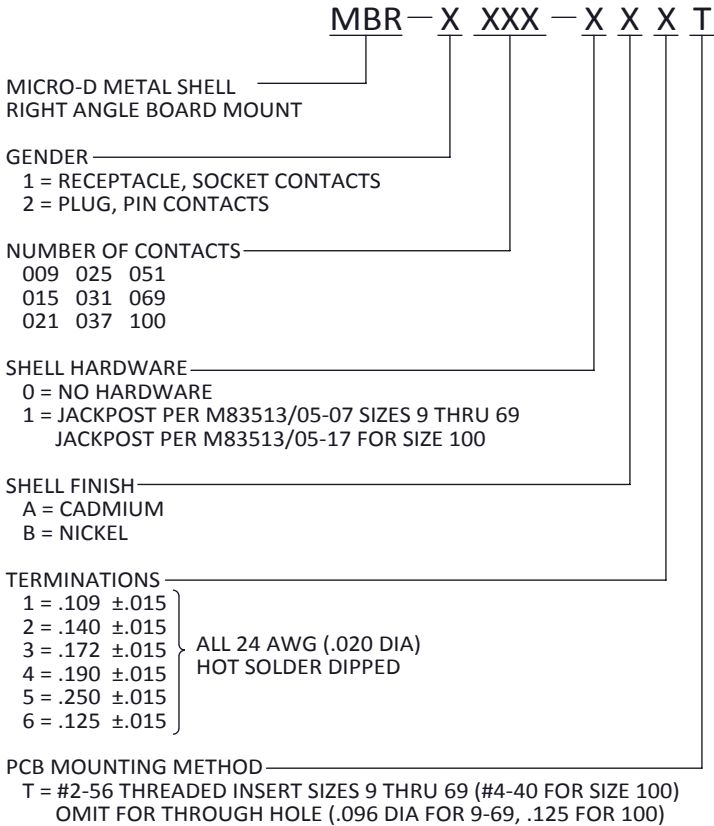
SHT 1 OF 4

DWG. NO.  
**MBR**

REV  
**N**



MICRO-D METAL SHELL  
RIGHT ANGLE P.C.B. MOUNT



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

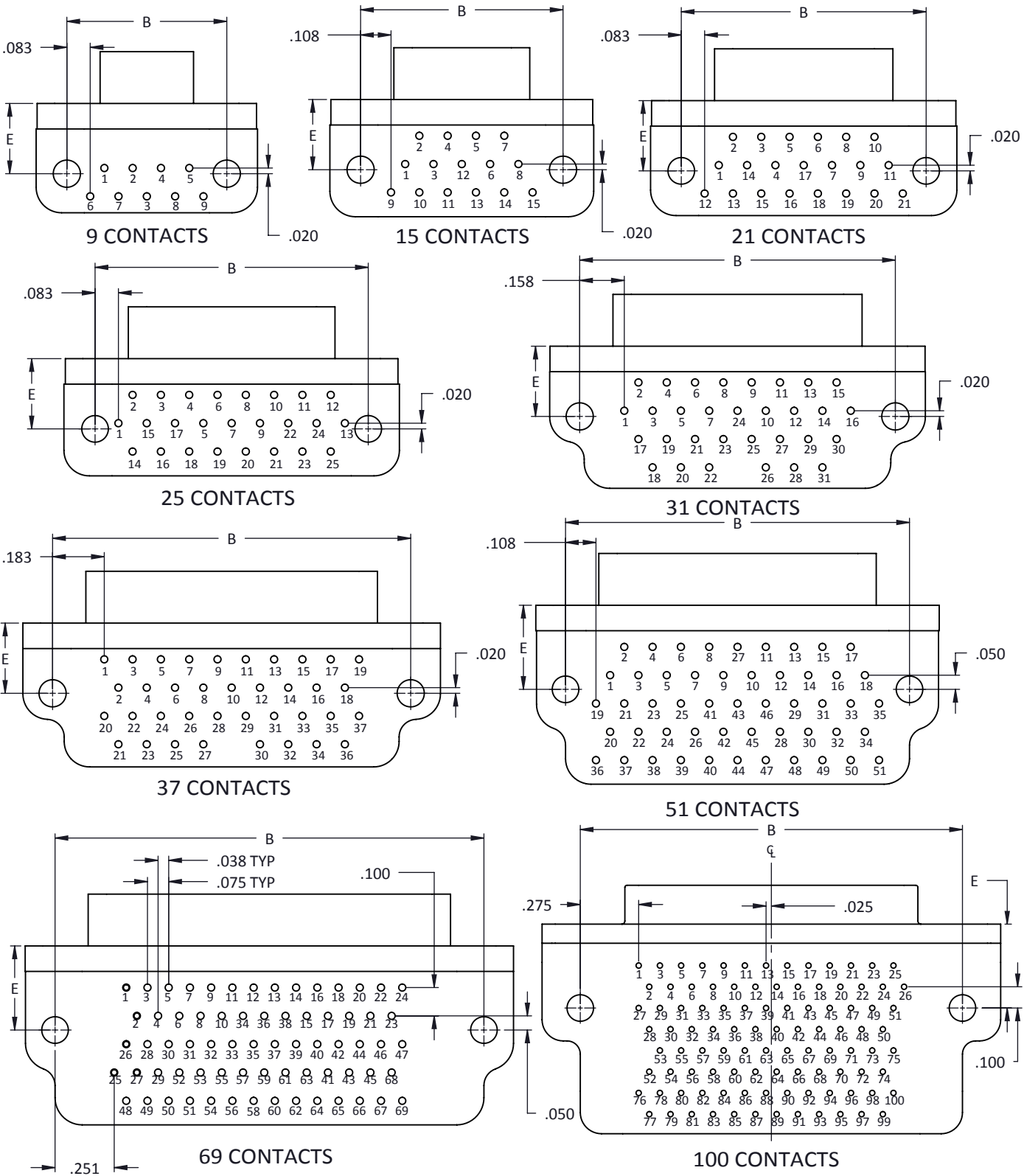
2. FINISH:

  - 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 P.C.B. MOUNT	SHT 2 OF 4	DWG. NO. MBR	REV N
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**MBR PLUG PCB LAYOUTS**  
.100 X .100 GRID PATTERN OFFSET .050 (EXCEPT 69)

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

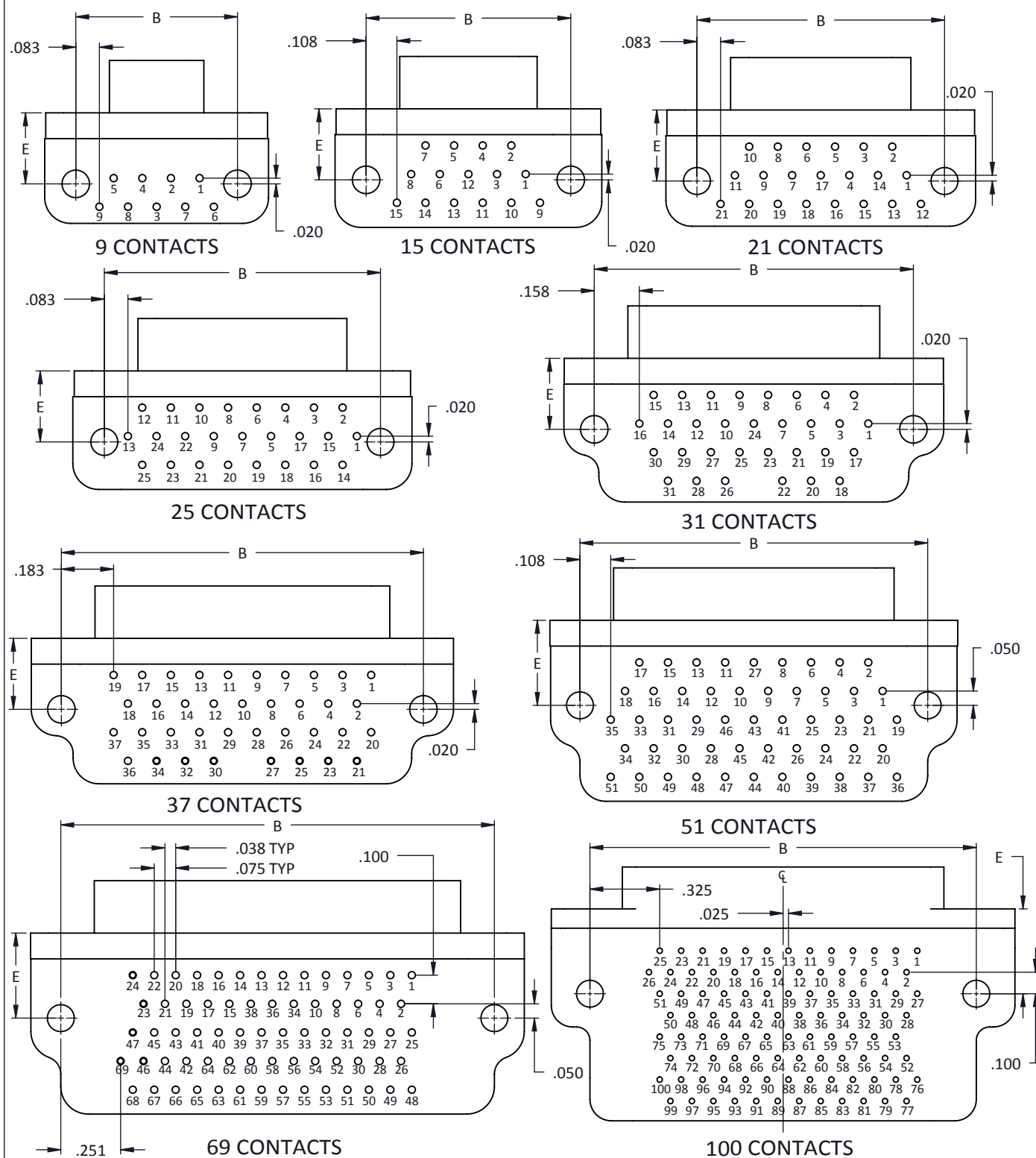
TITLE  
**MICRO-D METAL SHELL  
RIGHT ANGLE P.C.B. MOUNT**

SHT 3 OF 4

DWG. NO.  
**MBR**

REV  
**N**

MICRO-D METAL SHELL  
RIGHT ANGLE P.C.B. MOUNT



.100 X .100 GRID PATTERN OFFSET .050 (EXCEPT 69)

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE <b>MICRO-D METAL SHELL  RIGHT ANGLE P.C.B. MOUNT</b>	SHT 4 OF 4	DWG. NO. MBR	REV <b>N</b>
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