

PART NUMBER CODING

M43DRSD -S1445

MATERIALS (INSULATOR / CONTACT)

R = PPS/PHOSPHOR BRONZE
 OPERATING TEMP: -65°C TO +125°C
 PROCESSING TEMP: 260°C FOR 120 SECS MAX

G = PA9T/PHOSPHOR BRONZE
 OPERATING TEMP: -65°C TO +125°C
 PROCESSING TEMP: 260°C FOR 120 SECS MAX

A = PPS/BERYLLIUM COPPER
 OPERATING TEMP: -65°C TO +150°C
 PROCESSING TEMP: 260°C FOR 120 SECS MAX

J = PA9T/BERYLLIUM COPPER
 OPERATING TEMP: -65°C TO +150°C
 PROCESSING TEMP: 260°C FOR 120 SECS MAX

NUMBER OF POSITIONS
 (CONTACTS PER ROW)

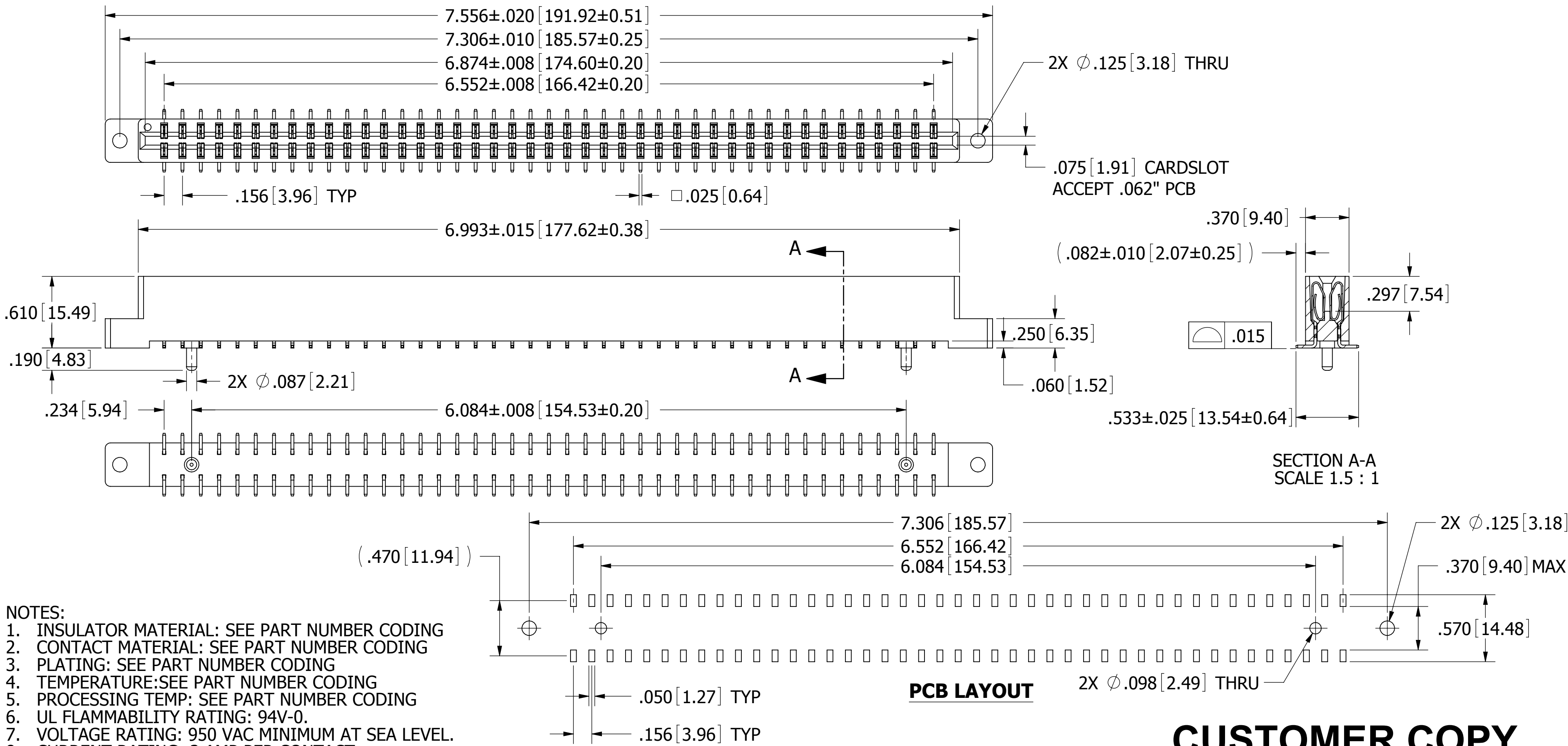
PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
G = .000010" GOLD	.000005" GOLD
Y = .000030" GOLD	.000005" GOLD
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
**E = .000100" PURE TIN, MATTE, OVERALL	
S = .000010" GOLD OVERALL	
M = .000030" GOLD	.000010" GOLD OVERALL

** OVERALL PURE TIN ONLY AVAILABLE ON MATERIAL CODES E, R AND G

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2142	INITIAL RELEASE	4/17/2010	JH



- NOTES:**
- INSULATOR MATERIAL: SEE PART NUMBER CODING
 - CONTACT MATERIAL: SEE PART NUMBER CODING
 - PLATING: SEE PART NUMBER CODING
 - TEMPERATURE:SEE PART NUMBER CODING
 - PROCESSING TEMP: SEE PART NUMBER CODING
 - UL FLAMMABILITY RATING: 94V-0.
 - VOLTAGE RATING: 950 VAC MINIMUM AT SEA LEVEL.
 - CURRENT RATING: 3 AMP PER CONTACT.
 - CONTACT RESISTANCE: 30 MILLIOHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS.
 - DURABILITY: 500 CYCLES MIN
 - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE.
 - BOARD THICKNESS ACCOMMODATED: .062±.008[1.57±0.20].
 - BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062[1.57] TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
 - BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062[1.57] PCB.
 - MODIFICATION: SURFACE MOUNT BEND, GUIDE POSTS (2) BETWEEN POSITIONS 2-3 AND 41-42



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30' .XX=± .02 [.508] .XXX=± .005 [.1270] .XXXX=± .0005 [.0127]		DATE 4/17/10	NAME JH	
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ASME Y14.5M-2009		PART NUMBER M43DRSD-S1445		
SCALE: 2:1		SIZE C	DWG. NO. C11484	REV A
SHEET 1 OF 1				