

NOTES:

- ① THIS CONNECTOR IS DESIGNED TO MEET THE APPLICABLE PERFORMANCE REQUIREMENTS OF IEC 61076-4-101 AND BELLCORE GR-1217-CORE
- 2 RoHS DIRECTIVE COMPLIANCE, MAX SOLDERING TEMPERATURE 225°C.
- 3 CONNECTORS ARE END STACKABLE ON A 2.0 GRID.
- 4 FOR COMPLIANT CONTACT PLATED THRU HOLE REQUIREMENTS SEE THRU HOLE PLATING VIEW. MINIMUM P.C.BOARD THICKNESS 1.57 NOMINAL.
- 5 OPTIONAL BOTTOM SHIELD SOLD SEPARATELY
- ⑥ NO GAP PERMISSIBLE TO PC BOARD.

SPECIFICATIONS

MATERIALS

① Insulators:

Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray

② Pin contacts:

Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS ①

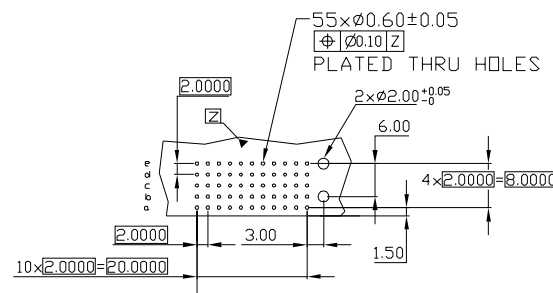
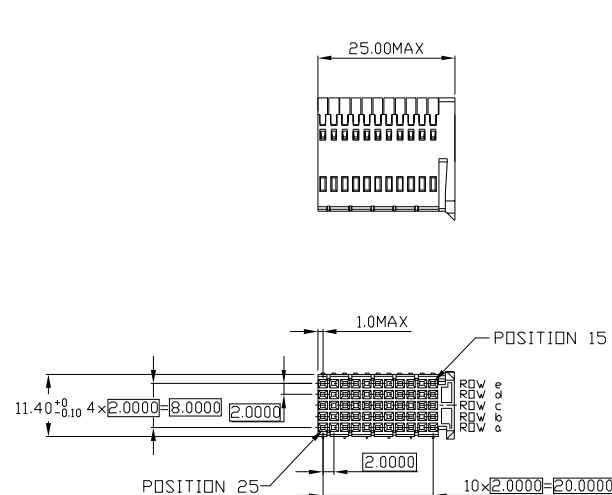
Insulation resistance: 10,000 megohms minimum

Dielectric withstanding voltage(at sea level): 750 Vrms

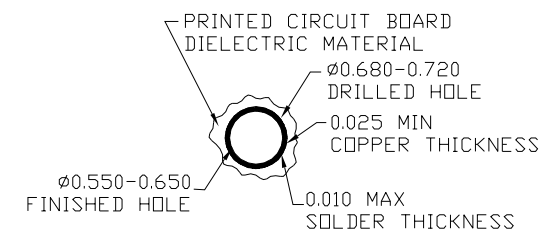
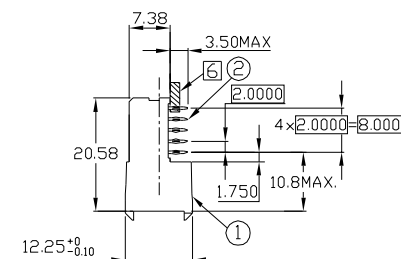
Current rating: 1 amp @70°C, fully loaded
1.5 amp @20°C, fully loaded

Operating temperature range: -55°C to +125°C

Contact resistance: 20 milliohms maximum



RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)



THRU HOLE PLATING
SCALE 10:1

C	ECN-130093	6/4/13	Seawen
B	ECN-110348 Update	1/6/12	Seawen
A	Release	11/18/11	Seawen
REV.	DESCRIPTION	DATE	APPD

UNITS		
☒ mm	☐ INCH	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		
	mm	INCH
4 PLACE	±0.05	±.002
3 PLACE	±0.10	±.004
2 PLACE	±0.20	±.008
1 PLACE	±0.30	±.012
ANGULAR:	X°±**	X°±**

NAME: 2MM SOCKET TYPE D WITHOUT SHIELD WITHOUT POST	
PART NO: NX9D0AE01A0AF	
APPD: 楊海文 6/4/13	
CHKD: 廖小瓊 6/4/13	
DRAWN: 何潔賢 6/4/13	

NEXTRON [®] NEXTRONICS ENGINEERING CORP.	
TITLE: CUSTOMER DWG.	
DWG NO: 010-0000-985-NX9D0AE01A0AF	C
SCALE: 1/1	SHEET: 1/1
REV.: C	