

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

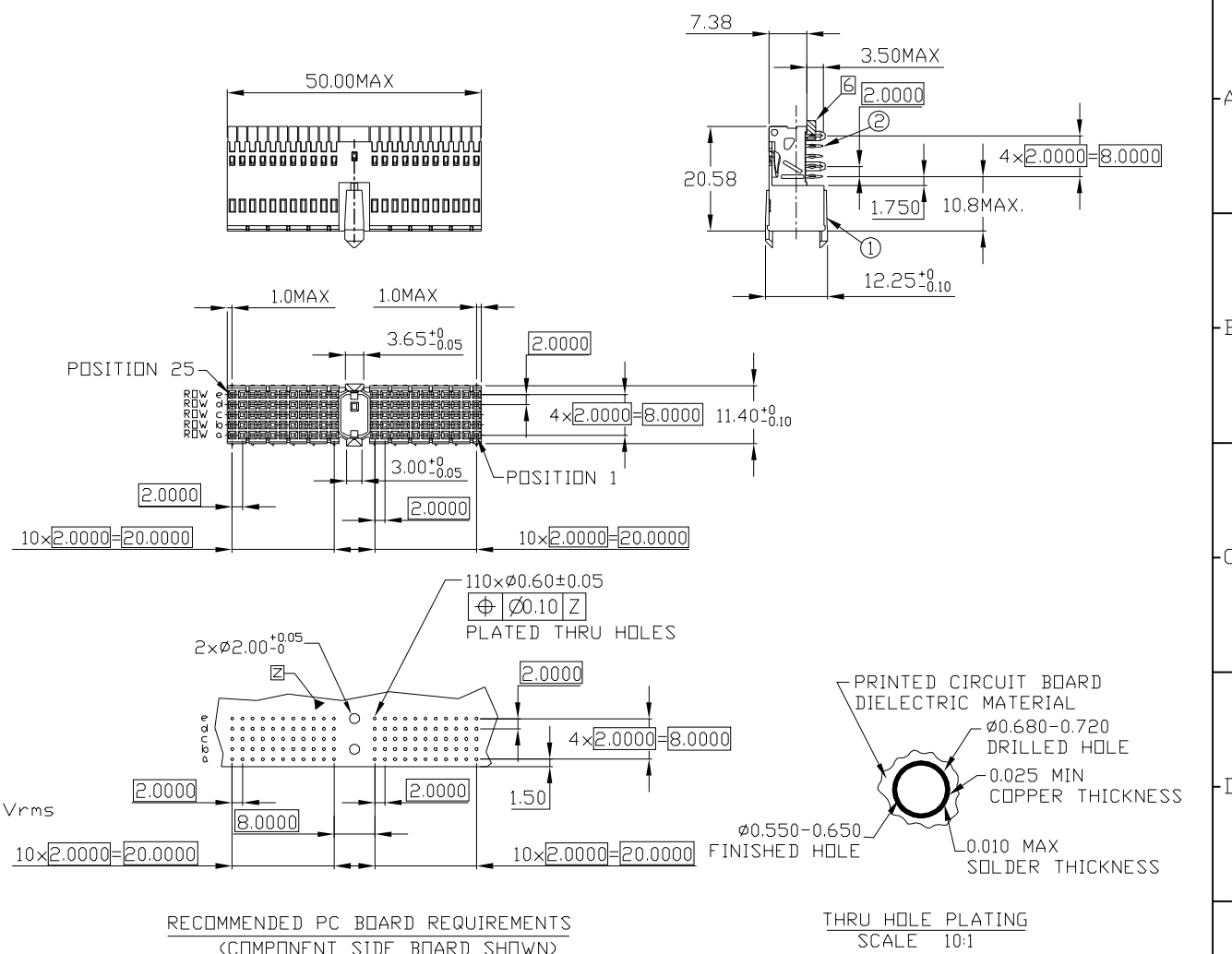
Insulation resistance: 10,000 megohms minimum

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

B	ECN-130093	6/4/13	Seawen
A	RELEASE	11/18/11	Seawen
REV.	DESCRIPTION	DATE	APPD

UNITS ☒ mm ☐ INCH			NAME: 2MM SOCKET TYPE A WITHOUT SHIELD WITH POST		 NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCES: (UNLESS SPECIFIED)			PART NO: NX9A1AE01A0AF		TITLE: CUSTOMER DWG.		
			APPD: 楊海文 6/4/13		DWG NO: 010-0000-981-NX9A1AE01A0AF		C
mm INCH			CHKD: 廖小瓊 6/4/13		 SCALE: SHEET: REV		
4 PLACE	±0.05	±.002	DRAWN: 何潔賢 6/4/13				
3 PLACE	±0.10	±.004			1/1	1/1	B
2 PLACE	±0.20	±.008					
1 PLACE	±0.30	±.012					
ANGULAR: X°±** X°±**							