

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

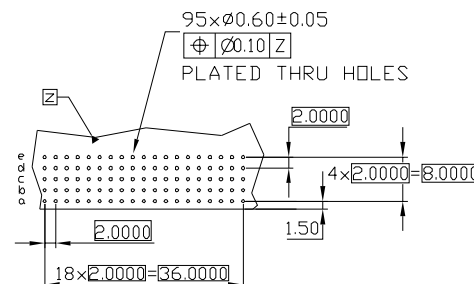
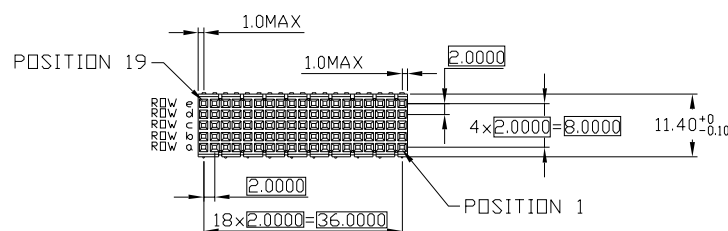
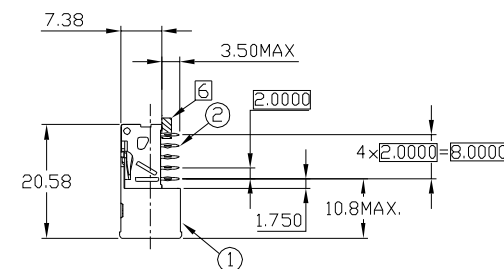
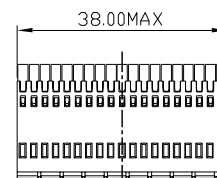
Insulation resistance: 10,000 megohms minimum

Dielectric withstanding voltage(at sea level): 750 Vrms

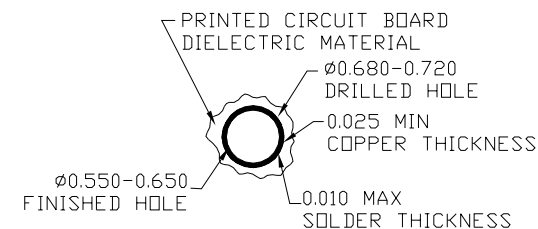
Current rating: 1 amp @70°C, fully loaded
1.5 amp @20°C, fully loaded

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 B19 WITHOUT SHIELD		 NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCES: (UNLESS SPECIFIED)			PART NO: NX9B0BA14A0AF		TITLE: CUSTOMER DWG.		
4 PLACE ±0.05 ±. **			APPD: 楊海文 6/4'13		DWG NO: 010-0000-982-NX9B0BA14A0AF		C
3 PLACE ±0.10 ±. **			CHKD: 廖小瓊 6/4'13		 SCALE: SHEET: REV		
2 PLACE ±0.20 ±. **			DRAWN: 何潔賢 6/4'13				
1 PLACE ±0.30 ±. **					1/1 1/1 B		
ANGULAR: X° ± ** X° ± **							