

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.

MATERIALS

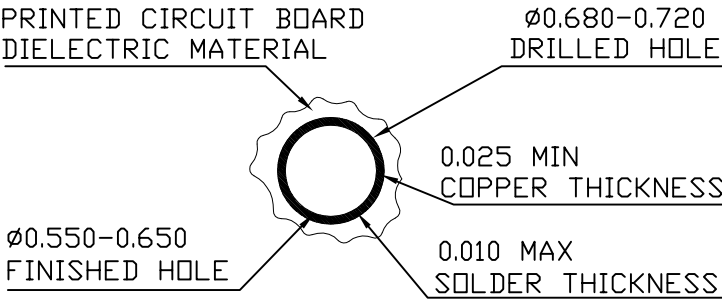
- ① Insulators ——— Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts ——— Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS

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

COMPLIANT CONTACT

Max.Insertion Force (per contact) ——— 22.5 lbs./100 N
Min. Retention force (per contact) ——— 4.5 lbs./20 N

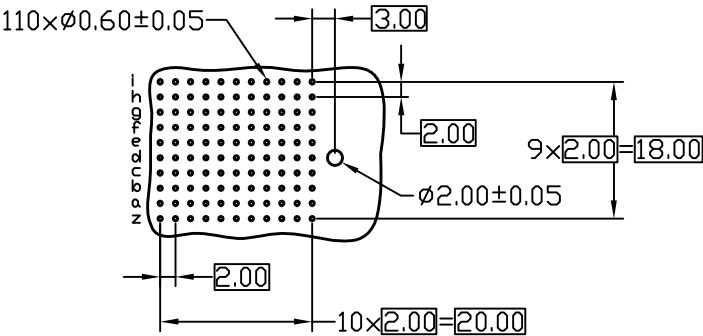
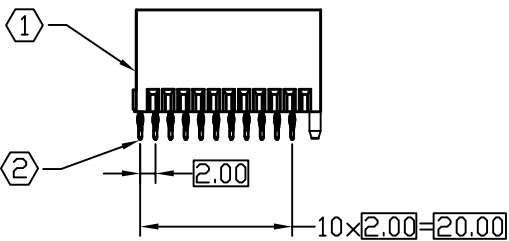
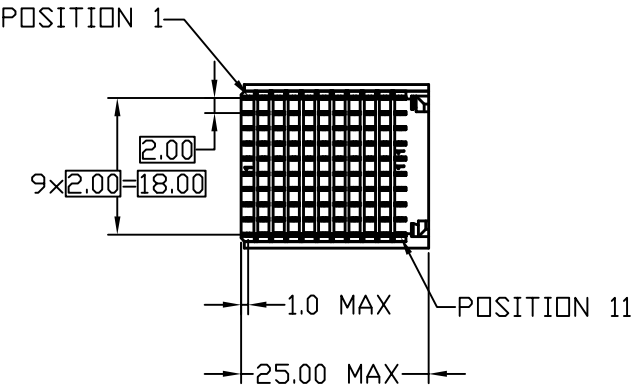


THRU HOLE PLATING
SCALE 20:1

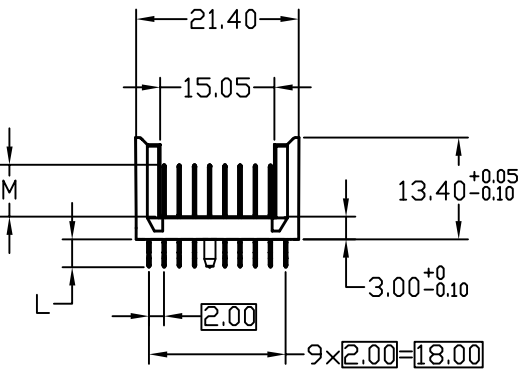
	POS.1	POS.5	POS.11
ROW i	6	1	6
ROW h	5	5	5
ROW g	5	5	5
ROW f	5	5	5
ROW e	5	5	5
ROW d	5	5	5
ROW c	5	5	5
ROW b	5	5	5
ROW a	5	5	5
ROW z	6	1	6

SELECTIVE LOADING PATTERN

SELECTIVE LOADING CHART		
PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
	M	L
5	.268/6.80	.146/3.70
6	.329/8.35	.146/3.70



RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)



DESIGN UNITS ■ mm □ INCH	NAME: 2MM HEADER F TYPE		nexttron NEXTRONICS ENGINEERING CORP.	
	PART NO: NX5F0AJ01A51PA		TITLE: CUSTOMER DWG. C	
GENERAL TOLERANCES: (UNLESS SPECIFIED)	APPD: 楊海文 5/16'11		DWG. NO: 010-0000-888-NX5F0AJ01A51PA	
	CHKD: 楊海文 5/16'11		SCALE: 1 / 1	
4 PLACE ±**	DRAWN: 廖小瓊 5/16'11		SHEET: 1 / 1	
			REV.: A	
3 PLACE ±0.08				
2 PLACE ±0.15				
1 PLACE ±0.20				
ANGULAR: X°±**				

A	***	Release	5/16'11	廖小瓊	楊海文
REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD