

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

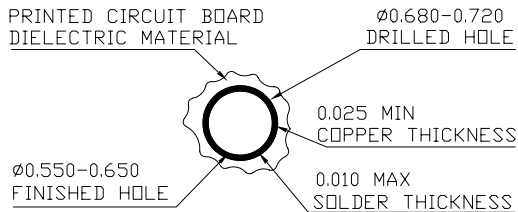
- ① Insulators — Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts — Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

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

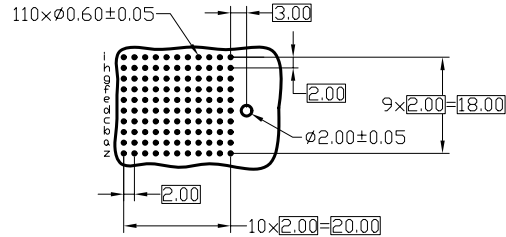
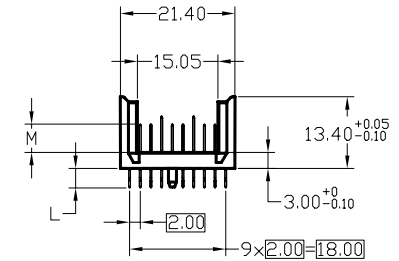
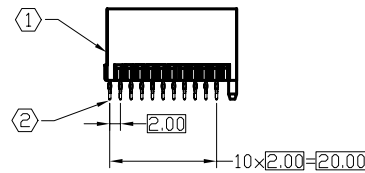
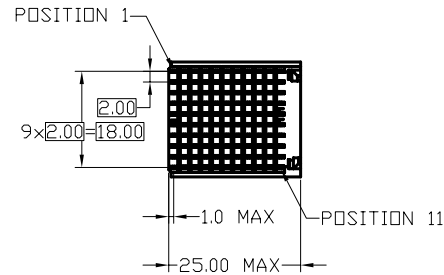


THRU HOLE PLATING
SCALE 20:1

	POS.1	POS.5	POS.11
ROV I	6	16	16
ROV h	4	4	4
ROV g	4	4	4
ROV f	5	5	5
ROV e	4	4	4
ROV d	4	4	4
ROV c	5	5	5
ROV b	4	4	4
ROV a	4	4	4
ROV z	6	16	16

SELECTIVE LOADING CHART		
PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
	M	L
4	.209/5.30	.146/3.70
5	.268/6.80	.146/3.70
6	.329/8.35	.146/3.70

SELECTIVE LOADING PATTERN



RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)

DESIGN UNITS		NAME:		All connectors	
■ mm □ INCH		2MM HEADER F TYPE			
GENERAL TOLERANCES: (UNLESS SPECIFIED)		PART NO:		TITLE: CUSTOMER DWG. C	
		NX5F0AJ21X01PA		DWG. NO: C-NX5F0AJ21X01PA	
4 PLACE ±*** ±.***		APPD: 蘇侯安 4/28'05		SCALE: SHEET: REV.:	
3 PLACE ±0.08 ±.***		CHKD: 楊海文 4/28'05		1 / 1 1 / 1 A	
2 PLACE ±0.15 ±.***		DRAWN: 何潔賢 4/26'05			
1 PLACE ±0.20 ±.***					
ANGULAR: X°±*** .X°±***					

REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD
A	***	新版發行	4/28'05	Seawen Alan	Alan APPD