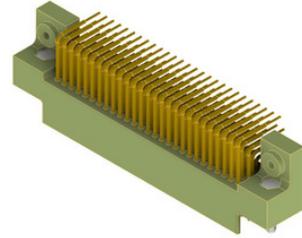


**DESCRIPTION :** 1.9mm PITCH MALE CONNECTOR , 4 ROW  
 RIGHT ANGLE, RoHS

**PART NO:** P8094SM-110-1A

RoHS



### PHYSICAL DATA

INSULATOR BODY : PPS ( POLYPHENYLENE SULFIDE FIBREGLASS FILLED THERMOPLASTIC)

FLAMMABILITY : UL94V-0

CONATCT : COPPER ALLOY, NICKEL + 0.25 $\mu$  GOLD PLATED

### FIXING HARDWARE

GUIDE PINS : STAINLESS STEEL

### ELECTRICAL DATA

CONTACTS : 3A MAX.

TEST VOLTAGE : 750V, RMS, 60Hz @ SEA LEVEL AS PER EIA-364-20 METHOD-A  
 250V, RMS, 60Hz @ 70,000 FEET AS PER EIA-364-20 METHOD-A

CONTACT RESISTANCE : 0.015 $\Omega$  MAX (INTERFACE MEASUREMENT) @ 3AMPS AS PER EIA-364-06

INSULATION RESISTANCE : 5000M $\Omega$  MIN @ 500VDC AS PER EIA-364-20.

### MECHANICAL DATA

PIN INSERTION FORCE : 0.071Kg

MECHANICAL LIFE CYCLE : 500 CYCLES MIN.

### ENVIRONMENTAL DATA

OPERATING TEMPERATURE : -65°C TO +125°C

VIBRATION SEVERITY : MATED CONNECTORS, TEST CONDITION III AS PER EIA-364-28

SHOCK SEVERITY : MATED CONNECTORS, TEST CONDITION G AS PER EIA-364-27

SOLVENT RESISTANCE : HcFc 141 bMGX (ATOCHEM) SOLVENT

SALT SPRAY TEST : MATED CONNECTORS, TEST CONDITION B AS PER EIA-364-26

HUMIDITY TEST : MATED CONNECTORS TESTED AS PER EIA-364-31, TYPE II  
 (EXCEPT STEPS 7A AND 7B)

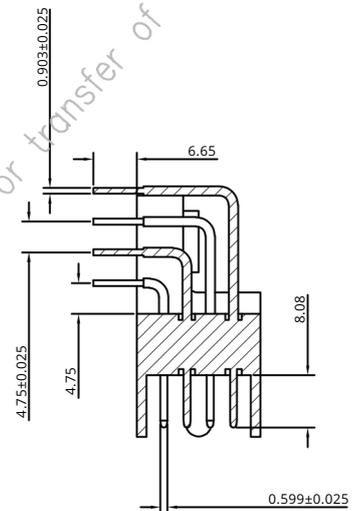
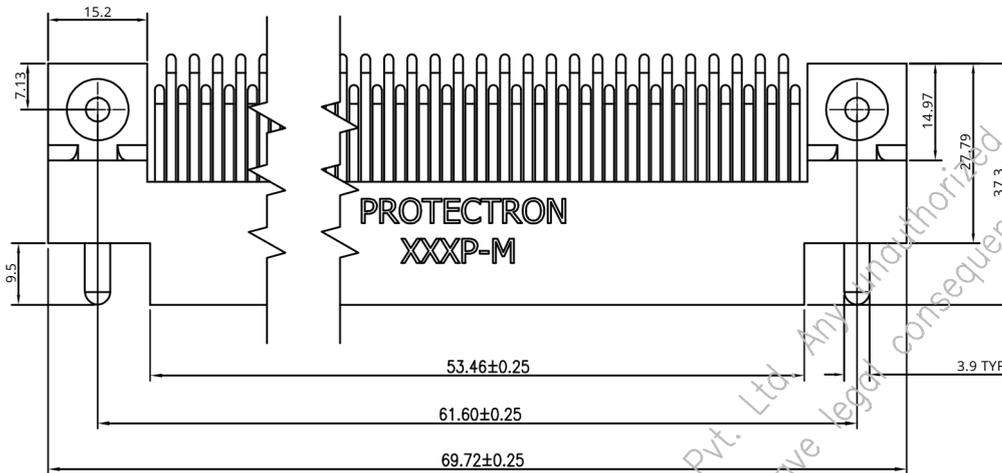
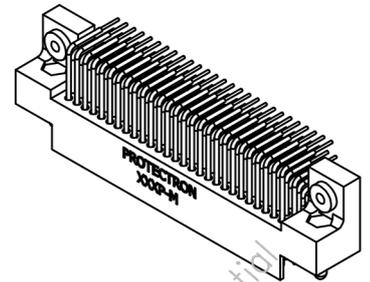
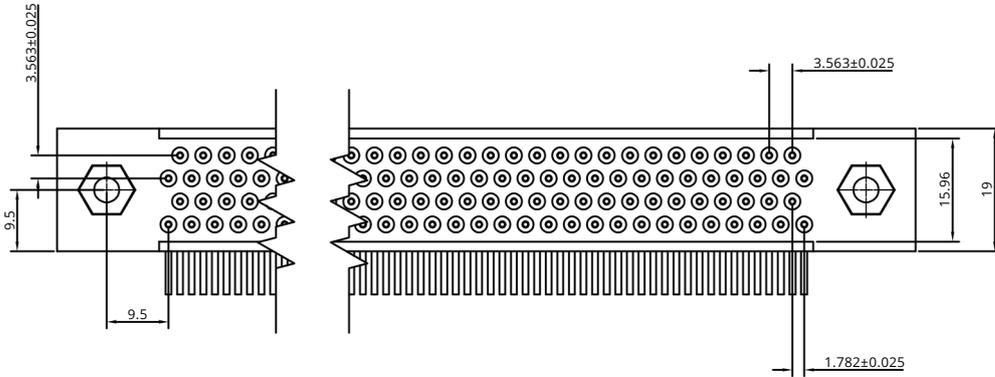
TEMPERATURE CYCLING : MATED CONDITION, TEST CONDITION A.

SOLDERABILITY : TERMINAL (EXCEPT WIRE WRAP, CRIMP & STACKABLES) TESTED IN  
 ACCORDANCE WITH MIL-STD-202, METHOD 208

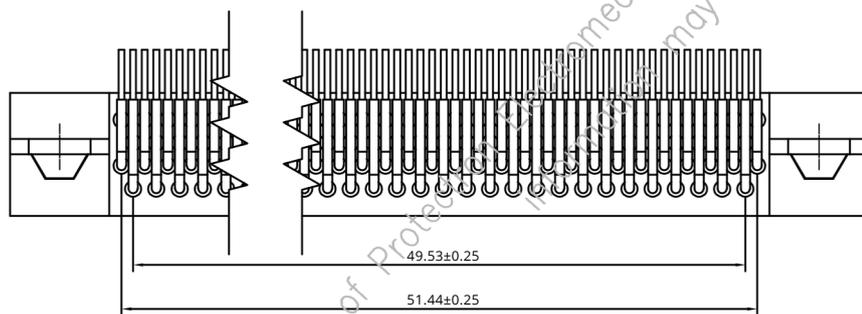
SIZES 50+ : UPON ENGAGEMENT, CENTER AREA OF MATING FACES MAY REMAIN OPEN  
 0.254-0.635mm DUE TO SLIGHT FLEXING OF MOLDING.  
 VIBRATION OR SHOCK SHOULD PROVIDE COMPLETE CLOSURE.

**DESCRIPTION :** 1.9mm PITCH MALE CONNECTOR , 4 ROW  
RIGHT ANGLE, RoHS

**PART NO:** P8094SM-110-1A



A-A (2 : 1)



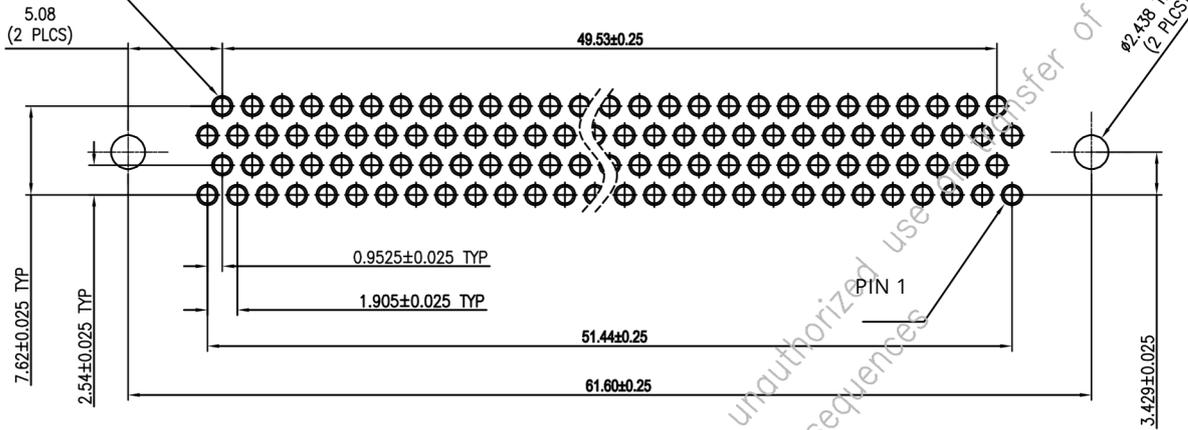
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**DESCRIPTION :** 1.9mm PITCH MALE CONNECTOR , 4 ROW  
RIGHT ANGLE, RoHS

**PART NO:** P8094SM-110-1A

HOLE DIA & PAD DESIGN  
CUSTOMER OPTION



**RIGHT ANGLE PTH PLUG**  
**P.C.B LAYOUT VIEWED FROM COMPONENT SIDE**

NO OF CONTACTS	CONTACT ID
110	

**MATES WITH**  
**P8094FC-110-1A**

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.50mm

ALL DIMENSIONS ARE IN MM.  
IF UNLESS OTHERWISE SPECIFIED.