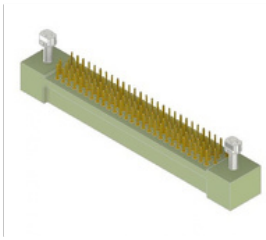
PROTECTRON®
ELECTROMECH (P) LTD

DESCRIPTION :	1.9mm PITCH FEMALE CONNECTOR , 4 ROW RoHS	PART NO:	P8094FC-110-1A

RoHS



PHYSICAL DATA

INSULATOR BODY	:	PPS (POLYPHENYLENE SULFIDE FIBREGLASS FILLED THERMOPLASTIC)
FLAMMABILITY	:	UL94V-0
OUTER SHELL	:	COPPER ALLOY, NICKEL + 0.25µ GOLD PLATED
INNER CLIP	:	BeCu 6 FINGER CLIP, NICKEL + 1.27µ 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	:	0.015Ω MAX (INTERFACE MEASUREMENT) @ 3AMPS AS PER EIA-364-06
INSULATION RESISTANCE	:	5000MΩ MIN @ 500VDC AS PER EIA-364-20.

MECHANICAL DATA

PIN INSERTION FORCE	:	0.071Kg
MECHANICAL LIFE CYCLE	:	500 CYCLES MIN.

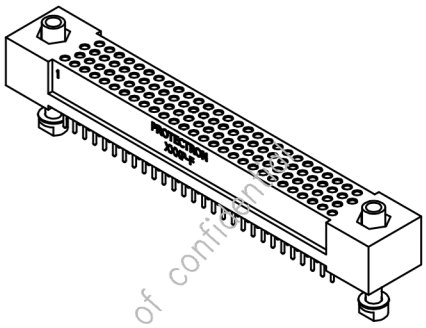
ENVIRONMENTAL DATA

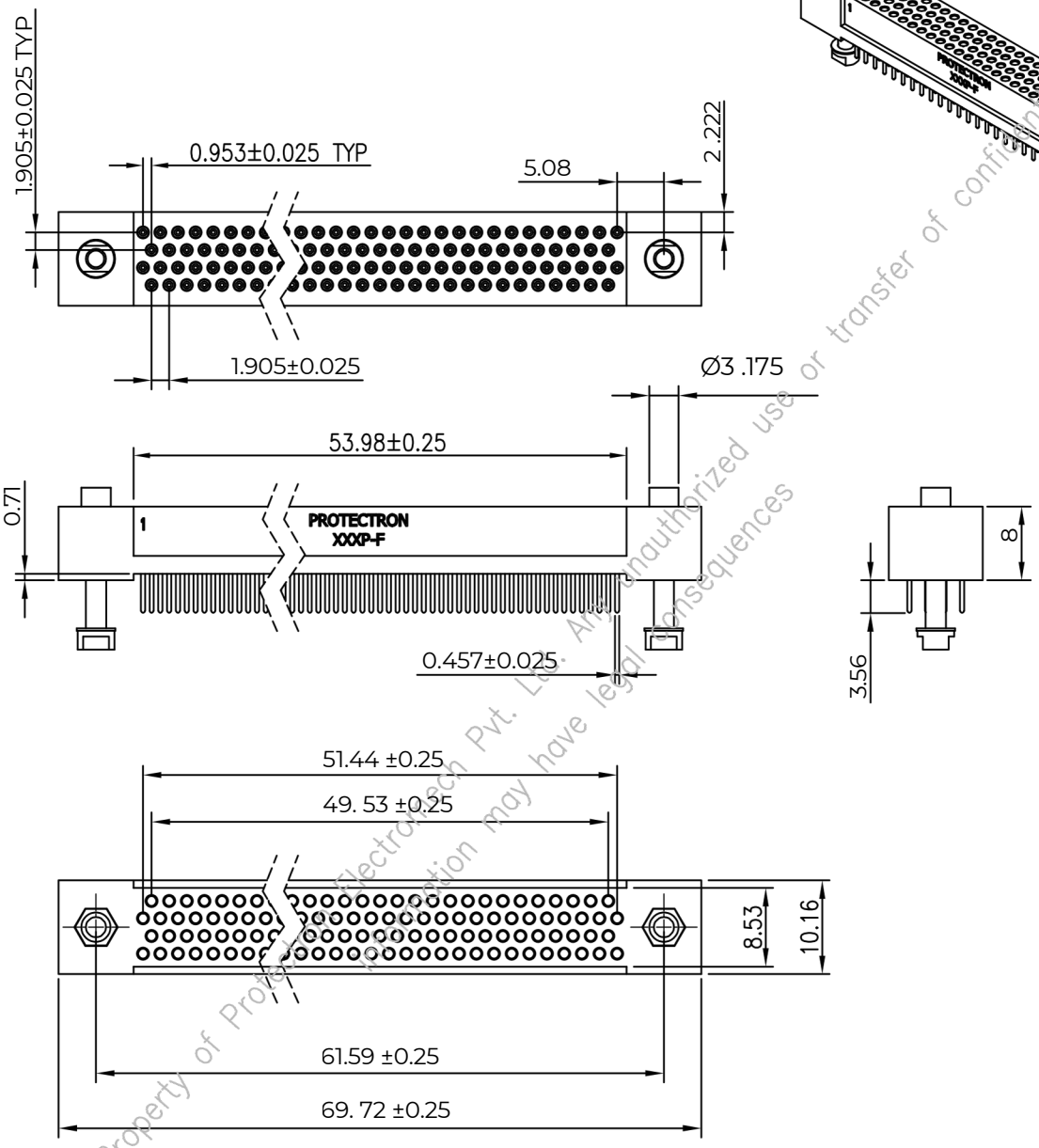
OPERATING TEMPERATURE	:	-65°C TO +125°C
VIBRATION SEVERITY	:	MATED CONNECTORS, TEST CONDITION III AS PER EIA-364-28
SHOCK SEVERITY	:	MATED CONNECTORS, TEST CONDITION G AS PER EIA-364-27
SOLVENT RESISTANCE	:	HcFc 141 bMGX (ATOCHEM) SOLVENT
SALT SPRAY TEST	:	MATED CONNECTORS, TEST CONDITION B AS PER EIA-364-26
HUMIDITY TEST	:	MATED CONNECTORS TESTED AS PER EIA-364-31, TYPE II (EXCEPT STEPS 7A AND 7B)
TEMPERATURE CYCLING	:	MATED CONNECTORS,TEST CONDITION-A
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.
SOLDERABILITY	:	TERMINALS(EXCEPT WIRE WRAP, CRIMP AND STACKABLES) TESTED IN ACCORDANCE WITH MIL-STD-202, METHOD 208

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RoHS

PART NO: P8094FC-110-1A



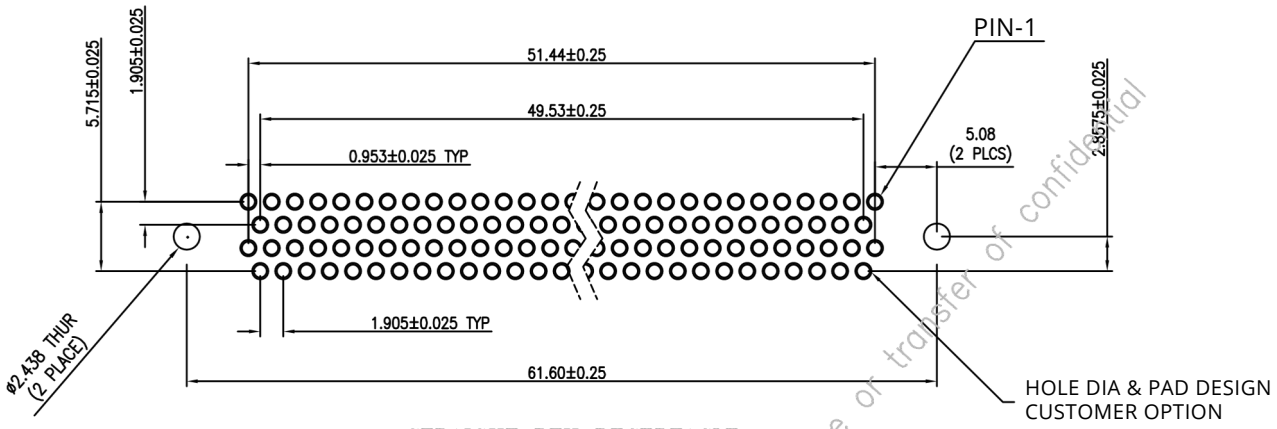


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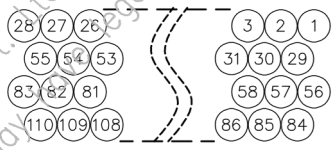
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RoHS

PART NO: P8094FC-110-1A



STRAIGHT PTH RECEPTACLE
P.C.B LAYOUT VIEWED FROM COMPONENT SIDE

NO OF CONTACTS	CONTACT ID
110	

MATES WITH
P8094SM-110-1A

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Projection:	Scale: NTS	Sht. Size: A4	Gen. Tol.: ±0.50mm	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.