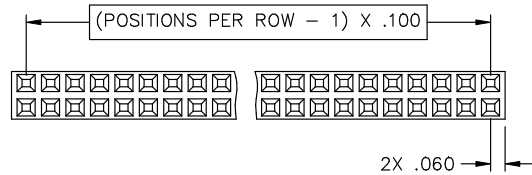


Rev	Description	Date	By
A	INITIAL RELEASE	06/30/09	JSC



NOTES: UNLESS OTHERWISE SPECIFIED

- 1 INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994
- 2 THIS PRODUCT CONFORMS TO ALL APPLICABLE PC\104 CONNECTOR SPECIFICATIONS.
- 3 FOR OTHER SIZES, FINISHES OR ADDITIONAL DATA CONTACT TEKA'S CUSTOMER SERVICE DEPARTMENT.
- 4 ALL TIN FINISHES ARE LOW STRESS / WHISKER MITIGATING

MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94-V0
 CONTACT: PHOSPHOR BRONZE ALLOY
 SOLDER: (SEE PART NUMBER DESCRIPTION)
 SOLDER CLIP: ALUMINUM ALLOY

CONTACT FINISH:

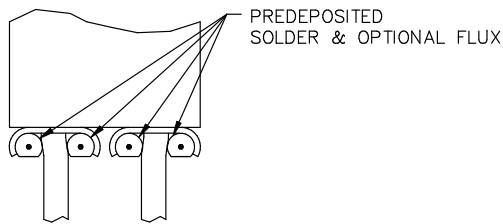
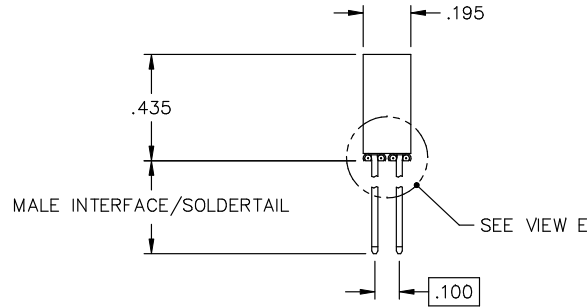
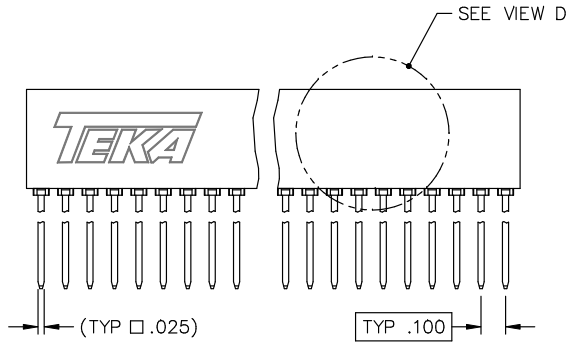
FEMALE INTERFACE: (SEE TABLE I)
 MALE INTERFACE: (SEE TABLE I)
 SOLDER TAIL: (SEE TABLE I)
 UNDERPLATE: 50 MICROINCHES MINIMUM NICKEL

PERFORMANCE CHARACTERISTICS - MECHANICAL

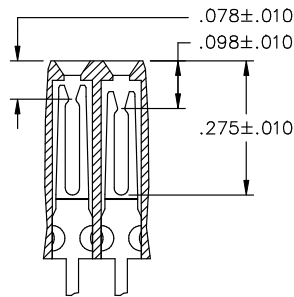
INSERTION FORCE: 2.5 OZ PER CONTACT MAX AVG
 WITHDRAWAL FORCE: 1 OZ MIN AVG
 NORMAL FORCE: 50 GRAMS MIN (PER BEAM) EOL
 DURABILITY: 25 CYCLES MINIMUM
 OPERATING TEMP: -55°C - 85°C

PERFORMANCE CHARACTERISTICS - ELECTRICAL

CONTACT RESISTANCE: 20 MILLIOHMS MAX INITIAL W/
 30 MILLIOHMS MAX AFTER TEST
 CURRENT CAPACITY: 3 AMPS MAX PER CONTACT
 DIELECTRIC STRENGTH: 1000 VAC
 INSULATION RESISTANCE: 10,000 MEGAOHMS MIN




VIEW E - SCALE=8:1



VIEW D - SCALE=4:1

LOW INSERTION FORCES ARE ACHIEVED THROUGH A STEPPED INSERTION

Unless otherwise specified: All dimensions are: Inches [mm]	Drawn by:	Date:	 AN INTERPLEX INDUSTRIES CO. 100 PIONEER AVE WARWICK, R.I. 02888 TEL: (401) 785-4110 FAX: (401) 781-5730 E-MAIL: sales@teka.com
	J CACHINA	06/30/09	
-Tolerances-	Checked by: JSC	Date: 06/30/09	Part No: PC2__-A-1__-__ (SEE TABLE)
No of places IN [mm] one ±.1 ±2,54 two ±.02 ±0,5 three ±.010 ±0,25	Title: SOLDER BEARING PC/104 CONNECTOR (ROHS COMPLIANT)		
Angular ±2'	Ref No: S20904	Scale: 2:1	Sheet 1 of 2