

Rev	Description	Date	By
J	UPDATED DRAWING (REF ERN 99022)	07/14/99	VAR
K	ADDED NEW P/N (REF ESR 99016)	07/15/99	VAR

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.

MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94-V0
CONTACT: PHOSPHOR BRONZE ALLOY
SOLDER: TIN-LEAD (63-37)
SOLDER CLIP: ALUMINUM ALLOY

CONTACT FINISH:

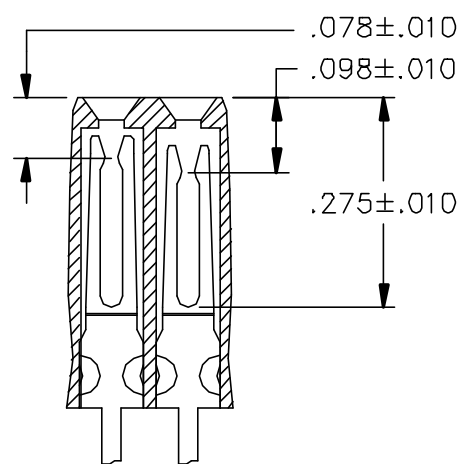
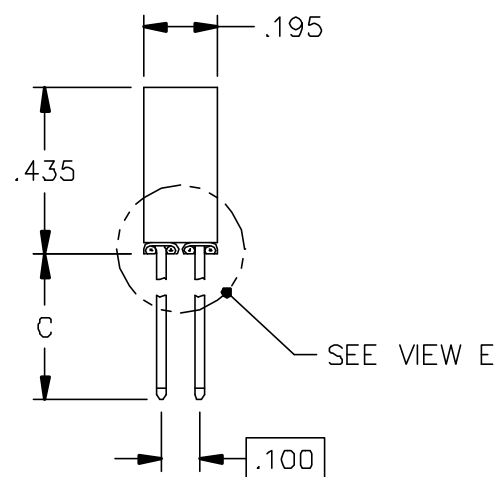
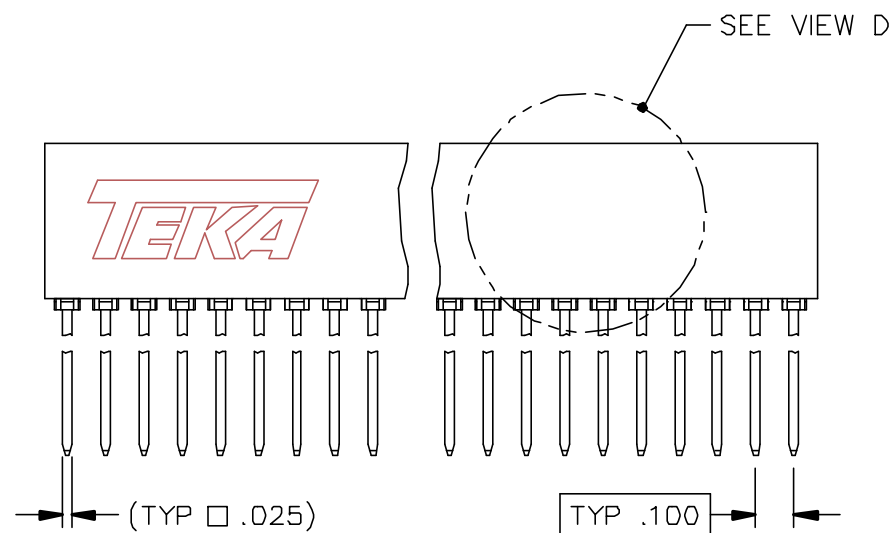
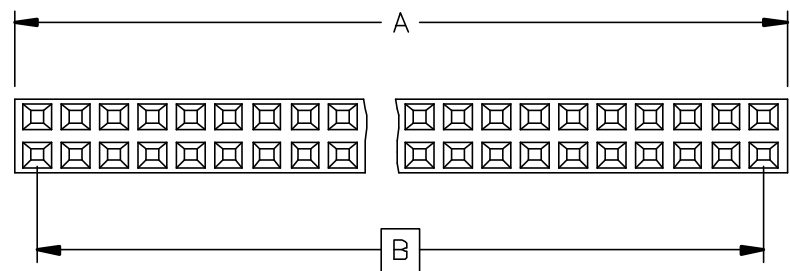
FEMALE INTERFACE: (SEE TABLE II)
MALE INTERFACE: (SEE TABLE II)
SOLDER TAIL: (SEE TABLE II)
UNDERPLATE: 50 MICRONS MINIMUM NICKEL

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

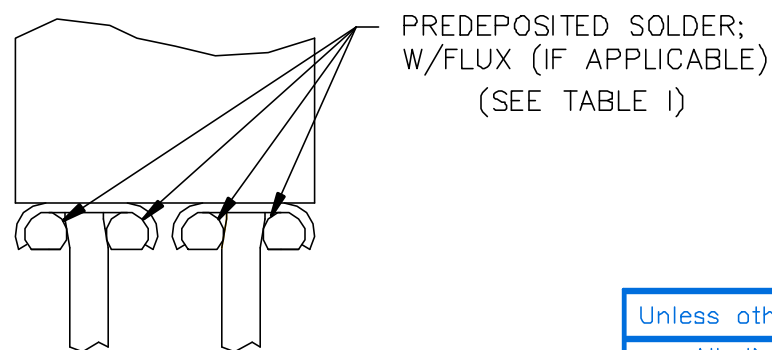
PERFORMANCE CHARACTERISTICS - ELECTRICAL

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 D - SCALE=4:1

LOW INSERTION FORCES ARE ACHIEVED THROUGH A STEPPED INSERTION

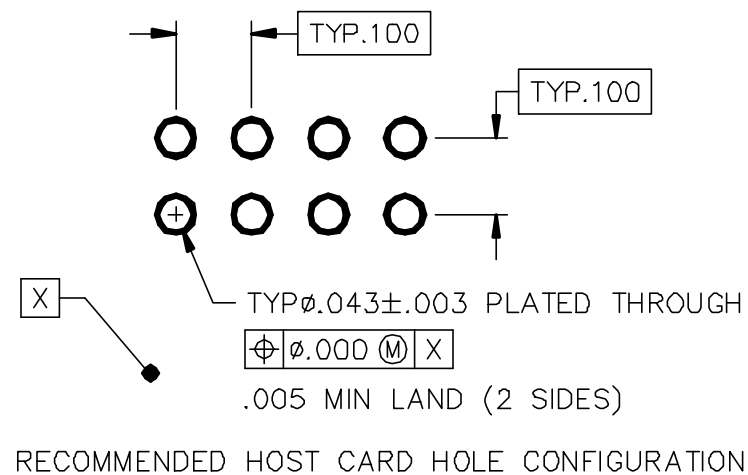



VIEW E - SCALE=8:1

Unless otherwise specified: All dimensions are: Inches [mm]	Drawn by: J CACHINA	Date: 02/04/98	 AN INTERPLEX INDUSTRIES CO. 100 PIONEER AVE WARWICK, R.I. 02888 TEL: (401) 785-4110 FAX: (401) 781-5730 E-MAIL: sales@tekais.com HTTP://WWW.TEKAS.COM
	Checked by: JSC	Date: 02/04/98	
-Tolerances-	Title: SOLDER BEARING PC\104 CONNECTOR		Part No: PC2___-A-1___-
No of places IN [mm]	Ref No: S98024	Scale: 2:1	Sheet 1 of 2
one ±.1 ±2,54			
two ±.02 ±0,5			
three ±.005 ±0,13			
Angular ±1°			

Rev	Description	Date	By
K	ALL REVISIONS - SEE SHEET 1	---	---

TABLE I - PC\104 PRODUCT DESCRIPTION						TABLE II - PC\104 FINISH DESCRIPTION (MICROINCHES)							
PART NUMBER	DESIGNATION	POSITIONS (2X)	A±.010	B	C±.010	PREDEPOSITED TIN-LEAD SOLDER; W/FLUX (IF APPLICABLE)	FEMALE INTERFACE GOLD	MALE INTERFACE GOLD	SOLDER TAIL TIN-LEAD				
PC232-A-1A7-U	J1/P1	32	3.220	3.100	.480	63-37	20 MINIMUM	FLASH	NOT APPLICABLE				
PC232-A-1A7-D						63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM					
PC232-A-1A9-D						63-37	20 MINIMUM	FLASH					
PC220-A-1A7-U	J2/P2	20	2.020	1.900		63-37	30 MINIMUM	30 MINIMUM					
PC220-A-1A7-D						63-37 W/NO-CLEAN FLUX	20 MINIMUM	FLASH					
PC220-A-1A9-D						63-37	30 MINIMUM	30 MINIMUM					
PC232-A-1B5-U	J1	32	3.220	3.100	.090	63-37	20 MINIMUM	NOT APPLICABLE	100 MIN				
PC232-A-1B5-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										
PC220-A-1B5-U	J2	20	2.020	1.900		63-37				20 MINIMUM			
PC220-A-1B5-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										
PC232-A-1B6-U	J1	32	3.220	3.100		63-37				30 MINIMUM	NOT APPLICABLE	30 MINIMUM	NOT APPLICABLE
PC232-A-1B6-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										
PC220-A-1B6-U	J2	20	2.020	1.900		63-37							
PC220-A-1B6-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										
PC232-A-1B9-U	J1	32	3.220	3.100		63-37							
PC232-A-1B9-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										
PC220-A-1B9-U	J2	20	2.020	1.900		63-37	30 MINIMUM	NOT APPLICABLE	NOT APPLICABLE				
PC220-A-1B9-D	63-37 W/NO-CLEAN FLUX	30 MINIMUM	30 MINIMUM										



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-Tolerances-	Checked by: JSC	Date: 02/04/98	
No of places IN [mm]	Title: SOLDER BEARING PC\104 CONNECTOR		Part No: PC2__-A-1__-__
one ±.1 ±2,54	Ref No: S98024		Scale: 1:1
two ±.02 ±0,5			Sheet 2 of 2
three ±.005 ±0,13			
Angular ±1°			