

Rev	Description	Date	By
B	ALL REVISIONS - SEE SHEET 2	04/30/09	JSC

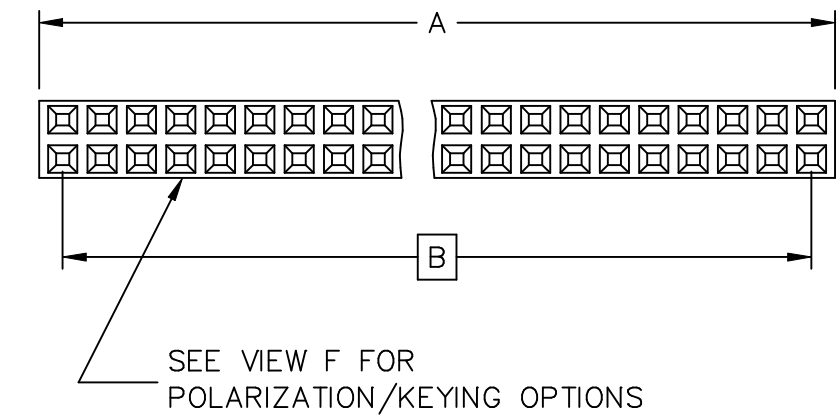
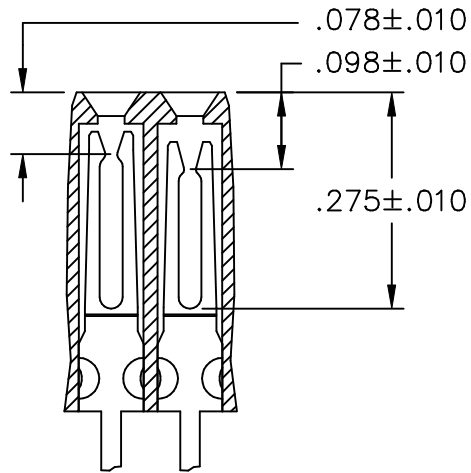
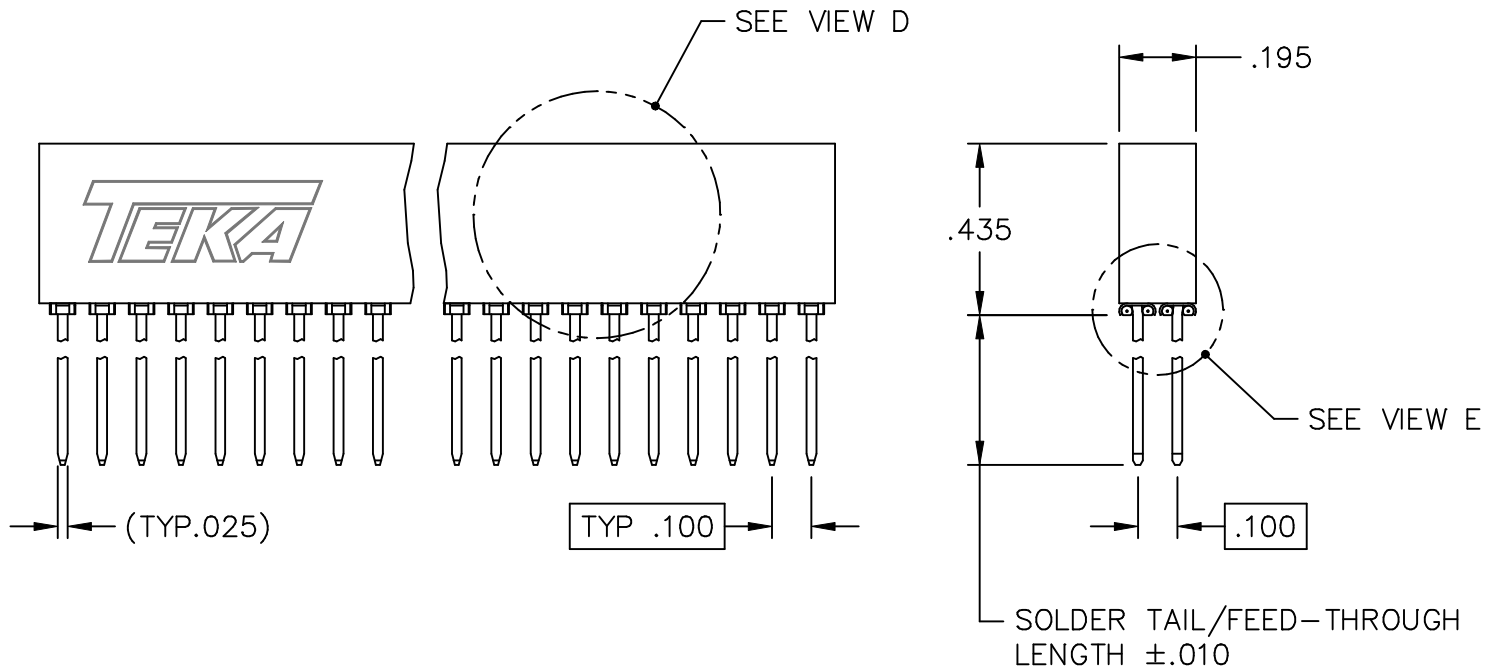


TABLE I - DIMENSIONS				
PART NUMBER	DESIGNATION	POSITIONS (2X)	A±.010	B
PC232--1--	J1 - J1/P1	32	3.220	3.100
PC220--1--	J2 - J2/P2	20	2.020	1.900



LOW INSERTION FORCES ARE ACHIEVED
THROUGH A STEPPED INSERTION

MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC,
UL RATED 94-V0
CONTACT: PHOSPHOR BRONZE ALLOY
SOLDER: SAC 305
SOLDER CLIP: ALUMINUM ALLOY

CONTACT FINISH:

FEMALE INTERFACE: (SEE TABLE II)

SOLDER TAIL/FEED THROUGH: (SEE TABLE II)

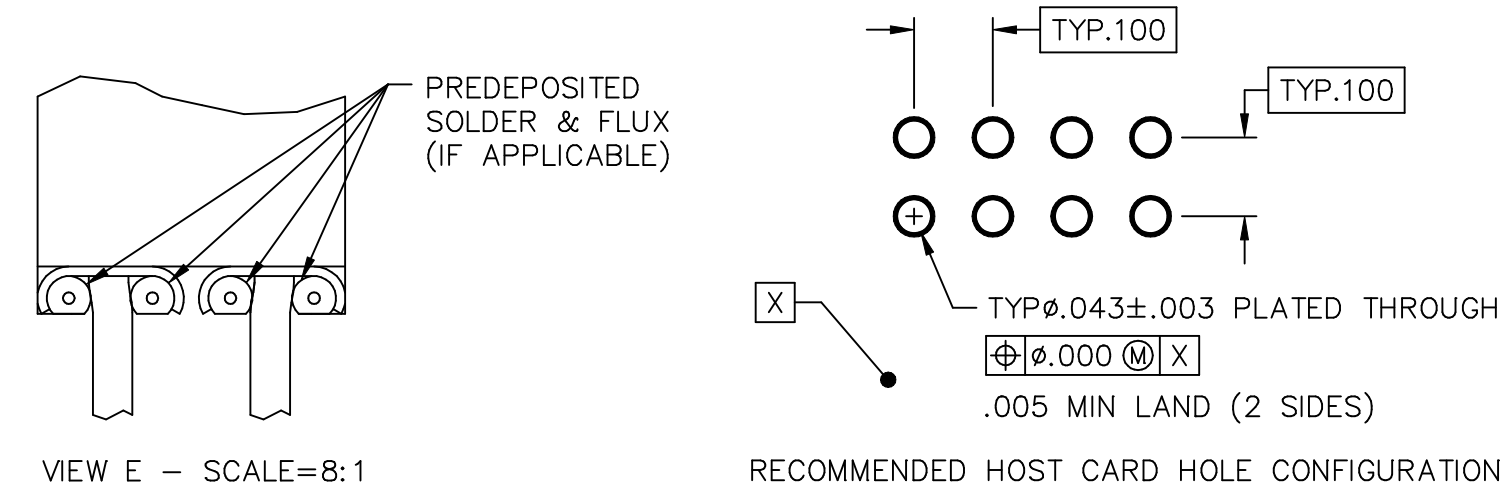
UNDERPLATE: 50 MICROINCHES MIN NICKEL

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 CHARATERISTICS - 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



Unless otherwise specified: All dimensions are: Inches [mm]	Drawn by: J CACHINA	Date: 09/15/05	 AN INTERPLEX INDUSTRIES CO. 100 PIONEER AVE WARWICK, R.I. 02888 TEL:(401) 785-4110 FAX:(401) 781-5730 E-MAIL: sales@tekais.com	
	Checked by: JSC	Date: 09/15/05		
-Tolerances- No of places IN [mm] one ±.1 ±2,54 two ±.02 ±0,5 three ±.005 ±0,13 Angular ±1°	Title: SOLDER BEARING PC/104 CONNECTOR (ROHS COMPLIANT)		Part No: PC2--1--	
	Ref No: S20560		Scale: 2:1	Sheet 1 of 2

Rev	Description	Date	By
B	EDITORIAL CHANGE	04/30/09	JSC

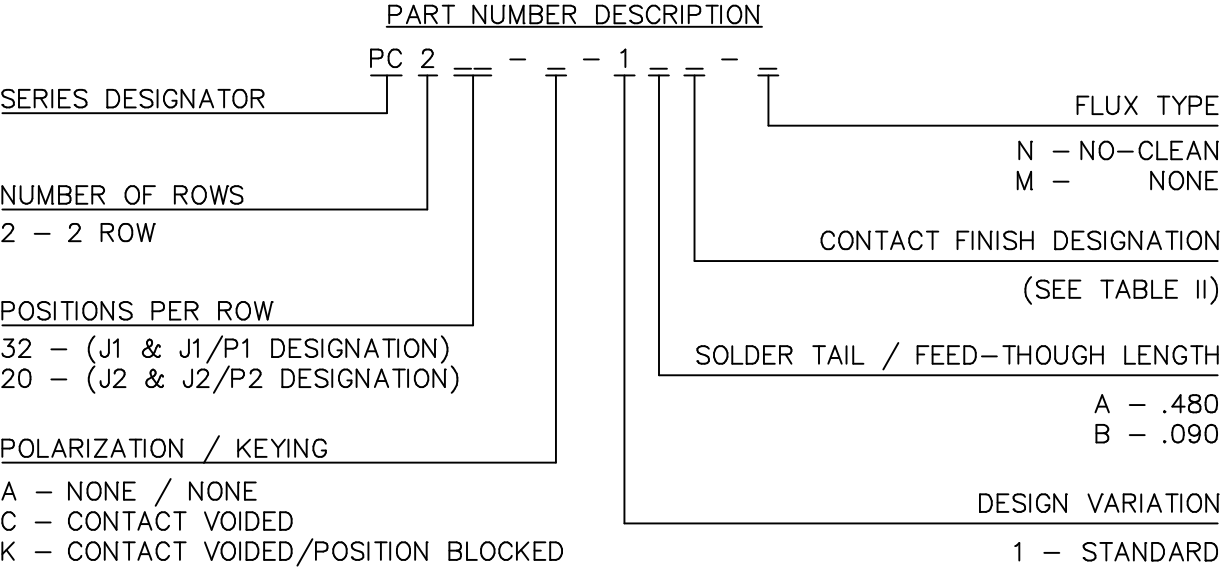
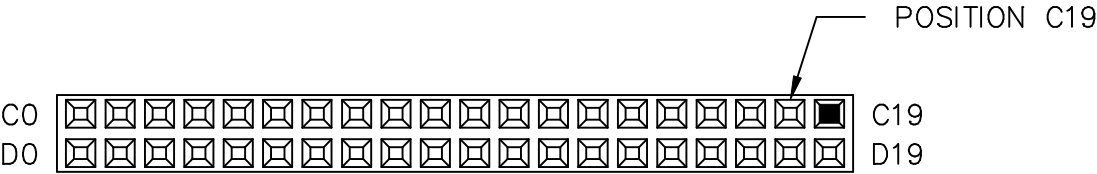
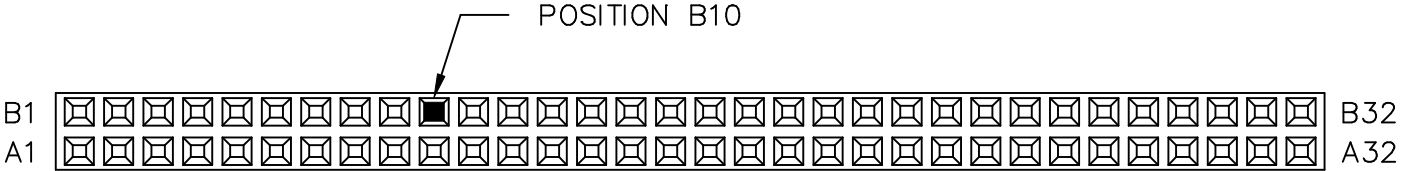


TABLE II – CONTACT FINISH DESIGNATION		
DESIGNATION	FEMALE INTERFACE	SOLDER TAIL / FEED-THROUGH
9	GOLD – 30 MICROINCHES	GOLD – 30 MICROINCHES
7	GOLD – 20 MICROINCHES	GOLD – FLASH
H	GOLD – 30 MICROINCHES	PURE TIN – 100 MICROINCHES
D	GOLD – 20 MICROINCHES	PURE TIN – 100 MICROINCHES

PC232-C-1__-__ (POSITION VOIDED – NO CONTACT)

PC232-K-1__-__ (POSITION VOIDED – NO CONTACT – MOLDED IN KEY)



PC220-C-1__-__ (POSITION VOIDED – NO CONTACT)

PC220-K-1__-__ (POSITION VOIDED – NO CONTACT – MOLDED IN KEY)

VIEW F – POLARIZATION/KEYING

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

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Title: SOLDER BEARING PC/104 CONNECTOR (ROHS COMPLIANT)		Part No: PC2__-__-1__-__	
	Ref No: S20560	Scale: 2:1	Sheet 2 of 2