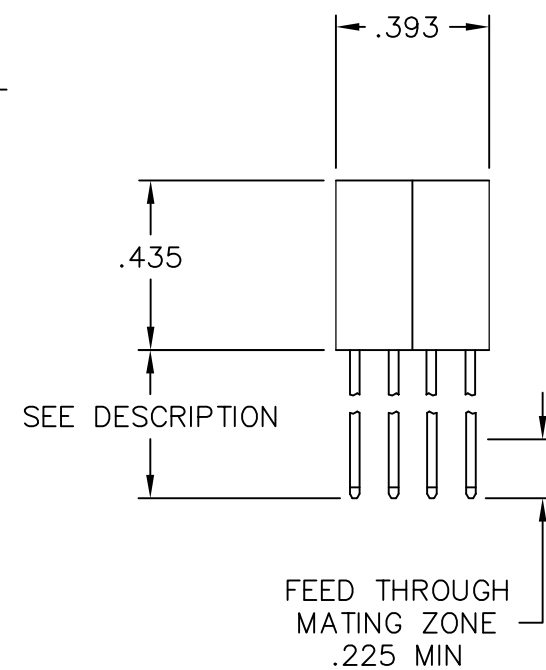
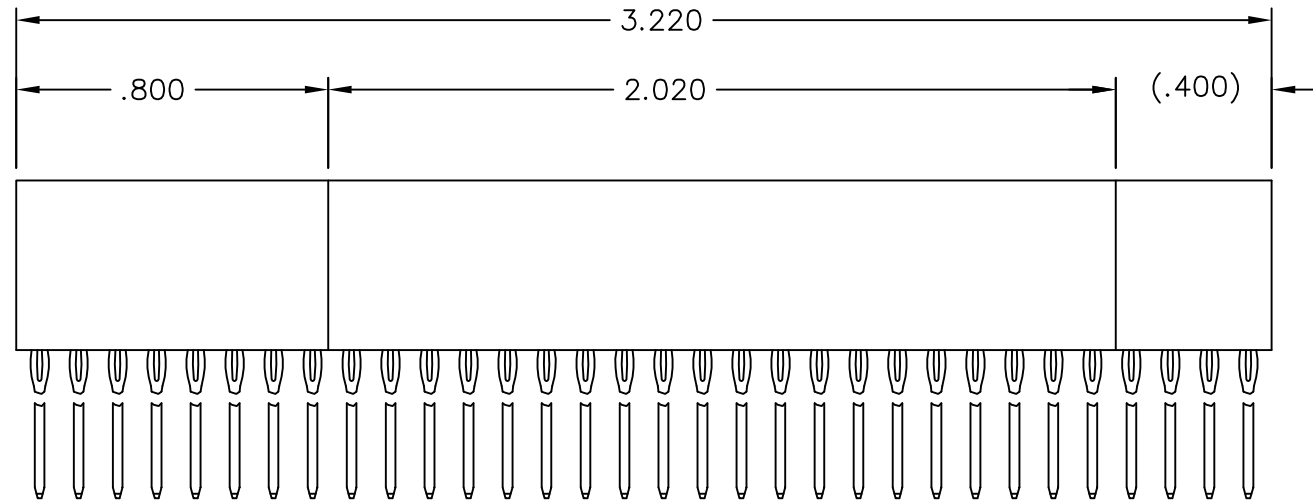
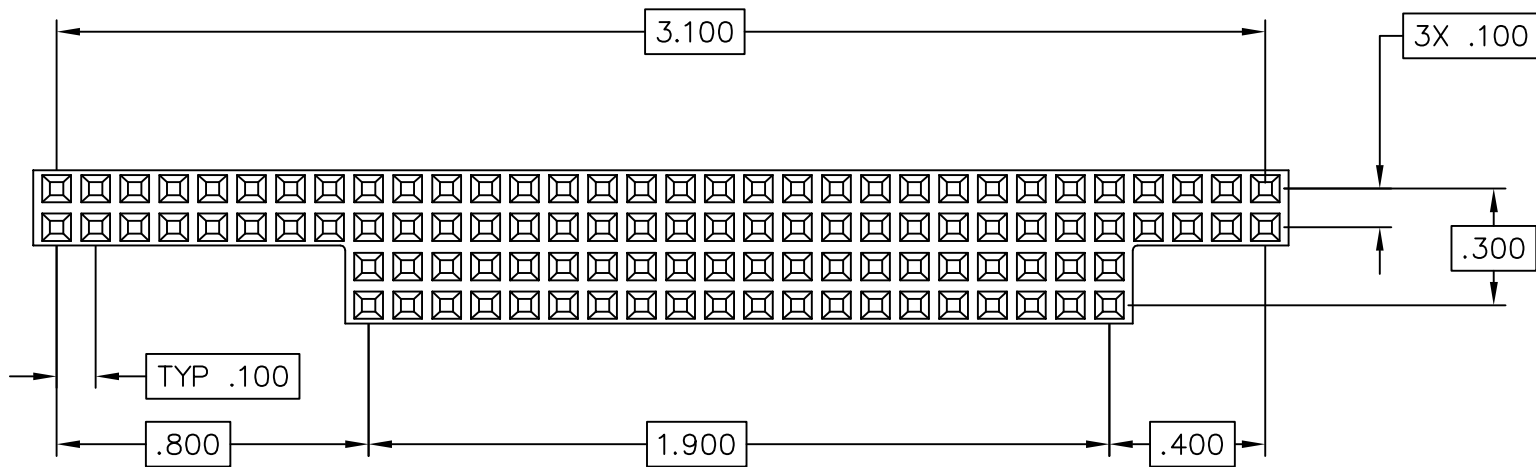


Rev	Description	Date	By
A	ALL REVISIONS - SEE SHEET 2	02/13/12	JSC



**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
- 5  $\triangleright$  RECOMMENDED DRILL SIZE =  $.0453 \pm .0010$  [ $1.151 \pm 0.025$ ]  
RECOMMENDED MIN COPPER THICKNESS =  $.001$  [ $0.025$ ]

**MATERIALS:**

HOUSING: THERMOPLASTIC, UL RATED 94-V0  
CONTACT: PHOSPHOR BRONZE ALLOY

**CONTACT FINISH:**

FEMALE INTERFACE: (SEE TABLE I)  
SOLDER TAIL/FEED THROUGH: (SEE TABLE I)  
PRESS FIT INTERFACE: PURE TIN

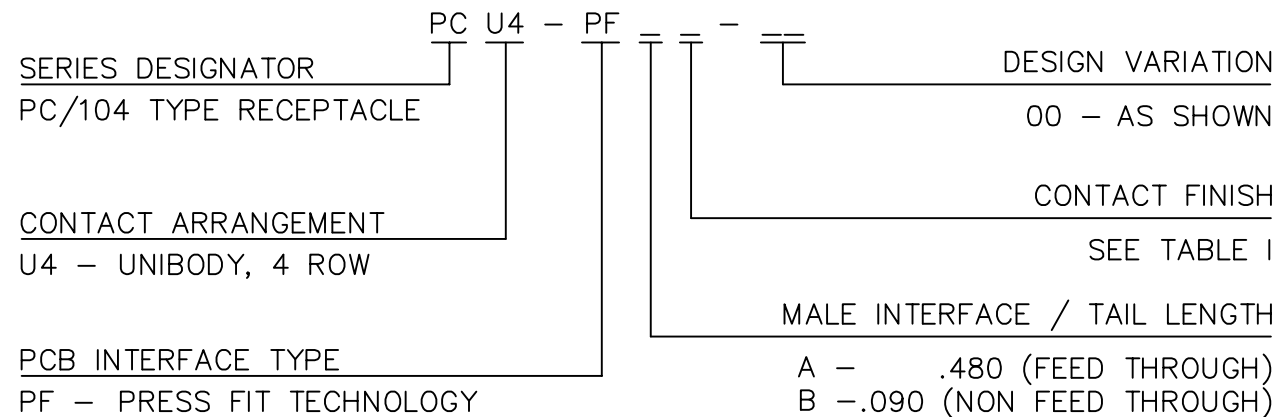
**PERFORMANCE CHARACTERISTICS - MECHANICAL**


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

**PART NUMBER DESCRIPTION**



Unless otherwise specified: All dimensions are: Inches [mm]	Drawn by: J CACHINA	Date: 02/10/12	 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: 02/13/12	
-Tolerances-	Title: ROHS COMPLIANT PC/104 PRESS FIT RECEPTACLE		Part No: PC___-PF___-___(SEE TABLE)
No of places	Ref No: S21203		Scale: 2:1
one ±.1 ±2,54			Sheet 1 of 2
two ±.02 ±0,5			
three ±.010 ±0,25			
Angular ±5°			

Rev	Description	Date	By
A	INITIAL RELEASE	02/13/12	JSC

**PART NUMBER DESCRIPTION**

SERIES DESIGNATOR: PC/104 TYPE RECEPTACLE

CONTACT ARRANGEMENT: 2 ROW

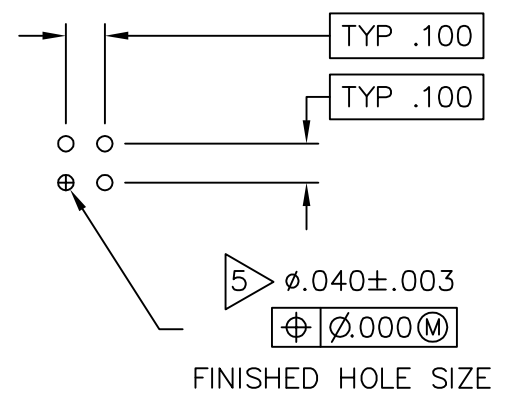
POSITIONS PER ROW: 20 - 20 POSITIONS, 32 - 32 POSITIONS

PCB INTERFACE TYPE: PF - PRESS FIT TECHNOLOGY

DESIGN VARIATION: 00 - AS SHOWN

CONTACT FINISH: SEE TABLE I

MALE INTERFACE / TAIL LENGTH:  
 A - .480 (FEED THROUGH)  
 B - .090 (NON FEED THROUGH)



RECOMMENDED PRINTED CIRCUIT BOARD HOLE CONFIGURATION

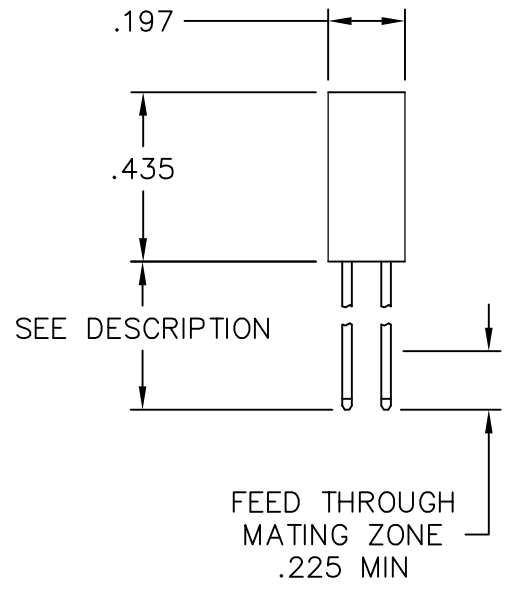
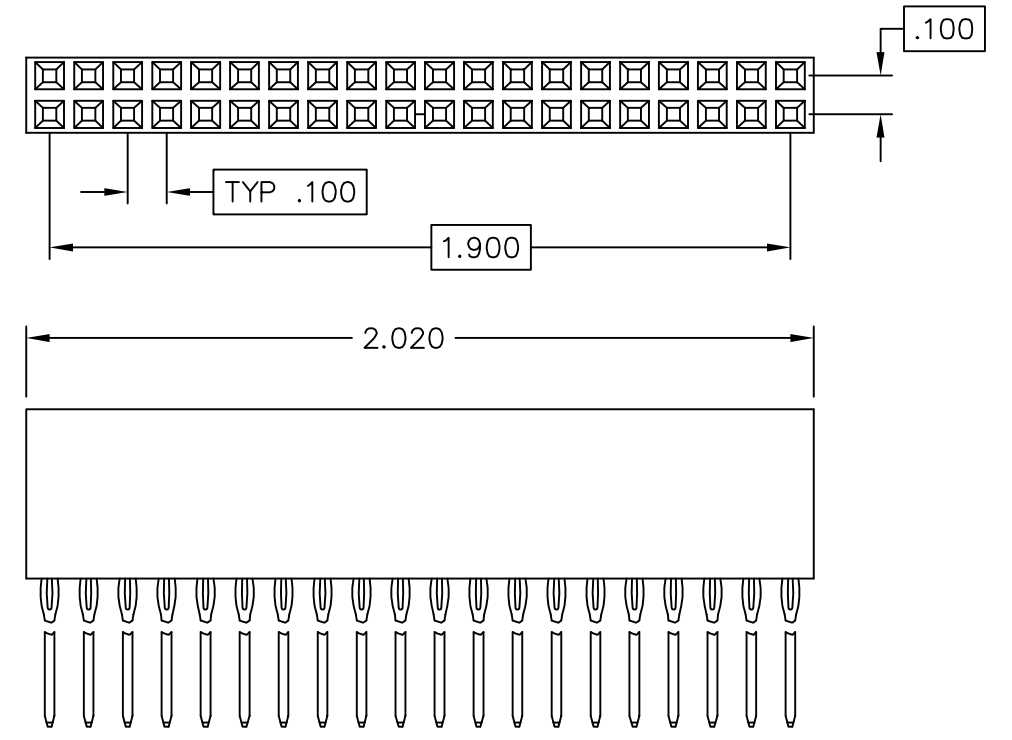
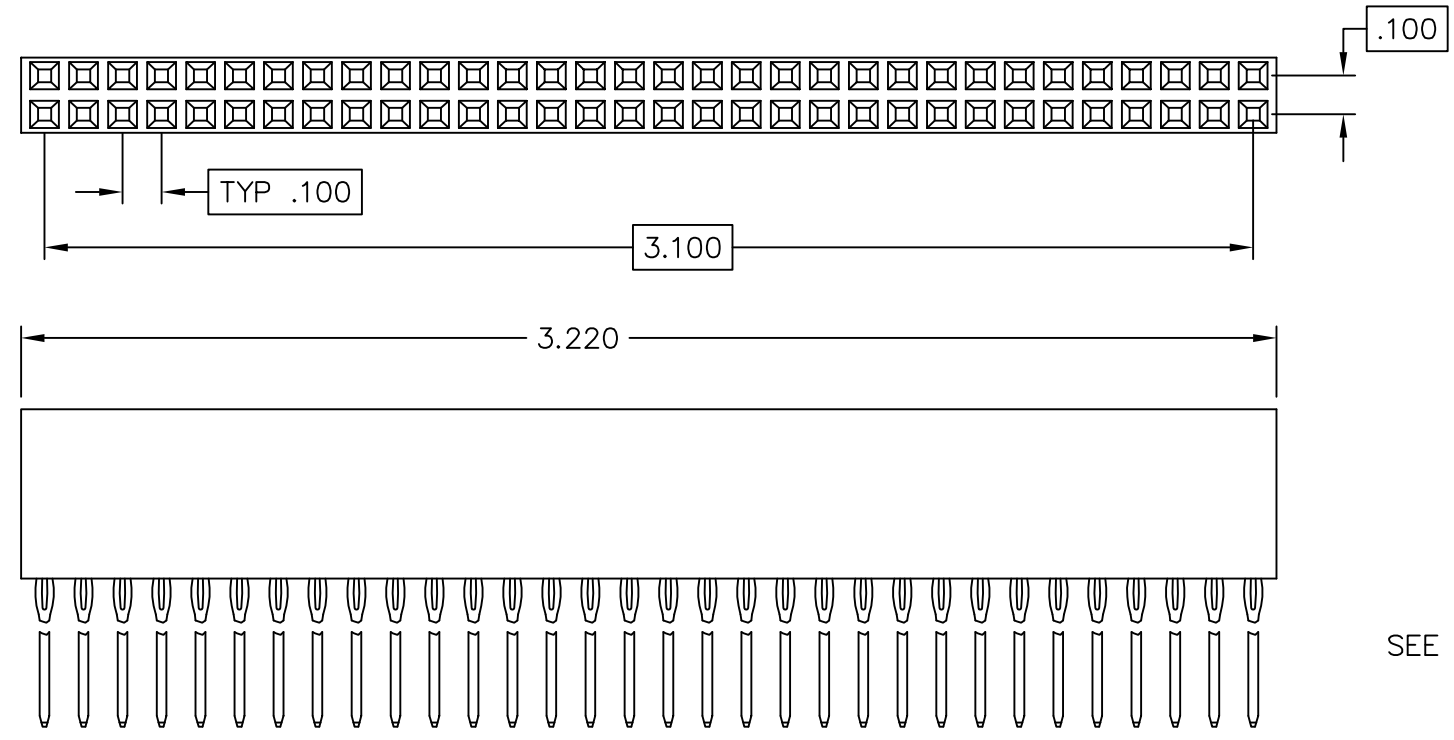



TABLE I - CONTACT FINISH DESIGNATION - ROHS

DESIGNATION	FEMALE INTERFACE	FEED THROUGH MATING ZONE
9	GOLD - 30 MICROINCHES	GOLD - 30 MICROINCHES
7	GOLD - 15 MICROINCHES	GOLD - FLASH
H	GOLD - 30 MICROINCHES	PURE TIN (NON FEED THROUGH ONLY)
D	GOLD - 15 MICROINCHES	PURE TIN (NON FEED THROUGH ONLY)

Drawn by: J CACHINA	Date: 02/10/12	 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: 02/13/12	
Title: ROHS COMPLIANT PC/104 PRESS FIT RECEPTACLE		Part No: PC___-PF___-___(SEE TABLE)
Ref No: S21203	Scale: 2:1	Sheet 2 of 2