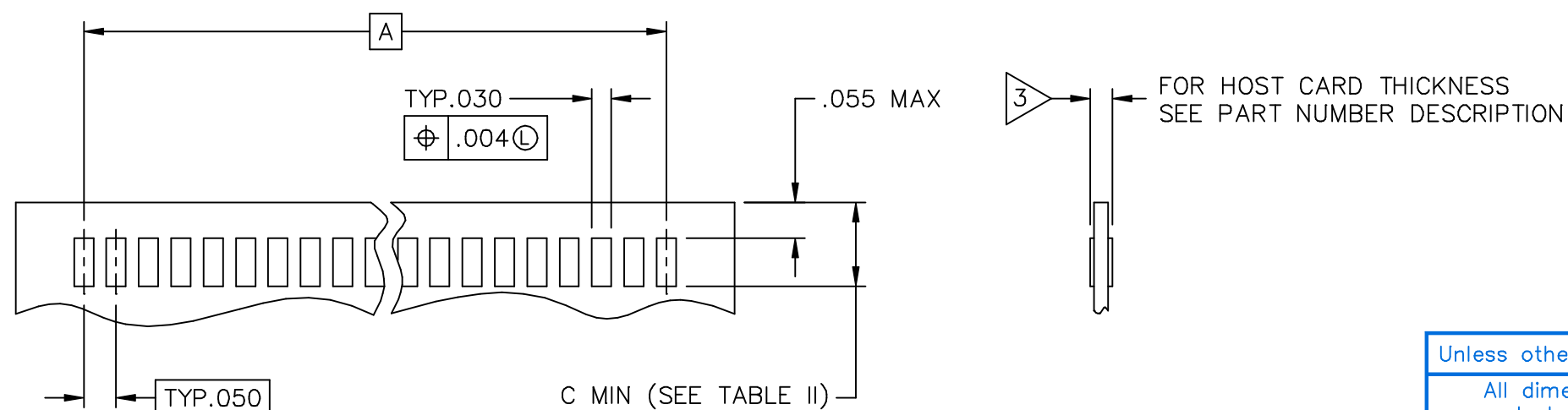
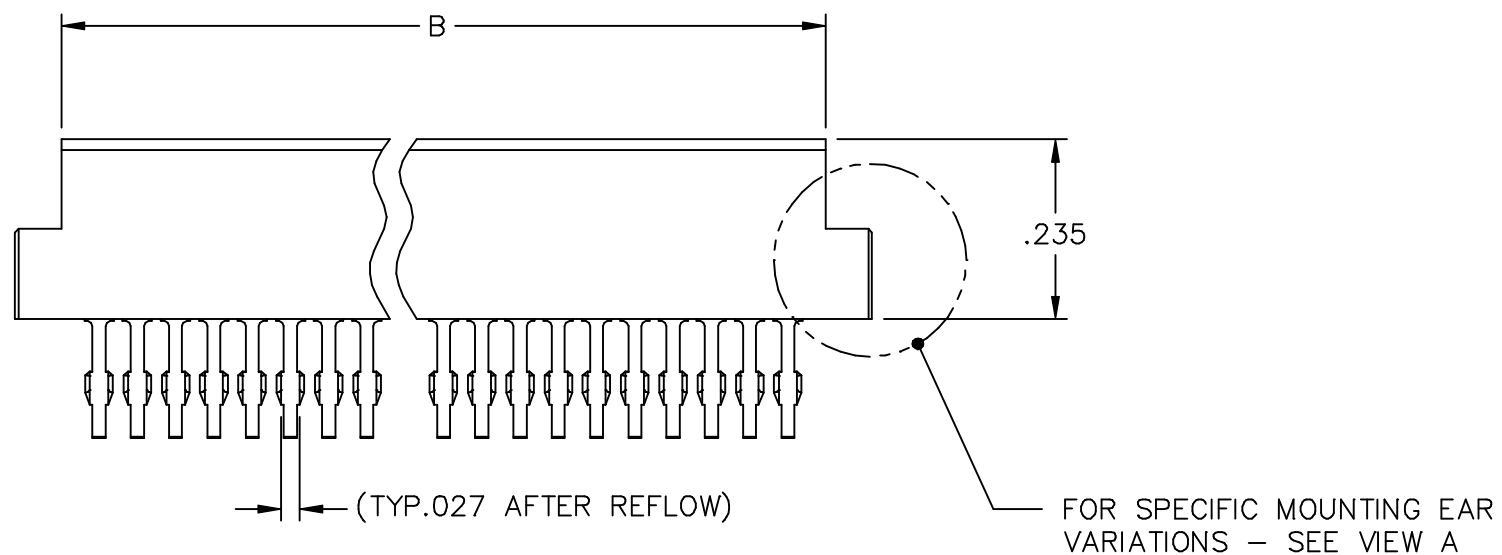
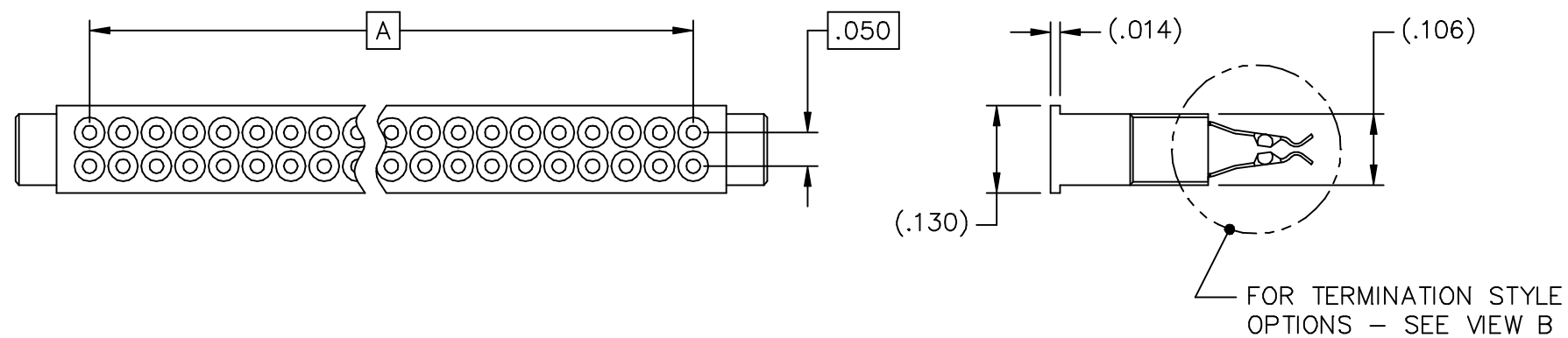


Rev	Description	Date	By
M	ADDED LEAD-FREE VARIATIONS	02/07/06	JSC



RECOMMENDED HOST CARD LAYOUT

**MATERIALS:**

HOUSING: HIGH TEMPERATURE THERMOPLASTIC,  
UL RATED 94-V0 (LCP)  
CONTACT: BERYLLIUM COPPER ALLOY  
SOLDER: SEE PART NUMBER DESCRIPTION

**STANDARD CONTACT FINISH ( [4] ):**

INTERFACE AREA: 30 MICROINCHES MIN GOLD  
SOLDER TAIL AREA: 100 MICROINCHES MIN TIN-LEAD  
UNDERPLATE: 50 MICROINCHES MIN NICKEL

**LEAD FREE CONTACT FINISH ( [H] ):**


INTERFACE AREA: 30 MICROINCHES MIN GOLD  
SOLDER TAIL AREA: 100 MICROINCHES MIN TIN  
(LOW STRESS - WHISKER MITIGATING)  
UNDERPLATE: 50 MICROINCHES MIN NICKEL

**PERFORMANCE CHARACTERISTICS - MECHANICAL**

INSERTION FORCE: 68 POSITION - 3.99 KG MAX (TOTAL)  
50 POSITION - 2.93 KG MAX (TOTAL)  
WITHDRAWAL FORCE: 10 GRAMS MIN (PER CONTACT)  
DURABILITY: 10,000 CYCLES MINIMUM  
OPERATING TEMP: -55°C - 105°C

**PERFORMANCE CHARACTERISTICS - ELECTRICAL**

CONTACT RESISTANCE: 20 MILLIOHMS MAX (INITIAL)  
30 MILLIOHMS MAX (EOL)  
CURRENT CAPACITY: 0.5 AMPS MAX PER CONTACT  
DIELECTRIC STRENGTH: 500 VAC RMS MIN  
INSULATION RESISTANCE: 1,000 MEGAOHMS MIN

Unless otherwise specified: All dimensions are: Inches [mm]	Drawn by: R BROWN	Date: 12/06/99	 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: 01/12/00		
-Tolerances- No of places IN [mm] one ±.1 ±2,54 two ±.02 ±0,5 three ±.005 ±0,13  Angular ±1°	Title: PCMCIA & CF SBL RECEPTACLE		Part No: TSB-_____-00_ (SEE TABLE)
	Ref No: S99017	Scale: 4:1	Sheet 1 of 3

Rev	Description	Date	By
M	ALL REVISIONS - SEE SHEET 1	02/07/05	JSC

PART NUMBER DESCRIPTION

TEKA SOLDER BEARING LEAD

CONFIGURATION (SEE TABLE I)

PCM - 68 POSITION (2 X 34) PCMCIA/PC CARD STD  
 COM - 50 POSITION (2 X 25) COMPACT FLASH STD

MOUNTING EAR VARIATION (SEE VIEW A)

0 - NO EAR  
 1 - FULL EAR  
 2 - NARROW EAR  
 3 - FULL EAR WITH GROUND CONTACT

TERMINATION STYLE (SEE VIEW B)

1 - CENTRAL STRADDLE  
 2 - OFFSET STRADDLE  
 3 - MINIMIZED CENTRAL STRADDLE  
 4 - MINIMIZED OFFSET STRADDLE

TSB [ ] [ ] [ ] [ ] [ ] - 00 [ ]

HOST CARD THICKNESS 3

0 - .012 THROUGH .018 THICK  
 1 - .019 THROUGH .024 THICK  
 2 - .025 THROUGH .032 THICK  
 4 - .037 THROUGH .044 THICK  
 9 - .058 THROUGH .065 THICK

SOLDER - FLUX TYPE

D - TIN-LEAD (63-37) WITH NO CLEAN FLUX  
 N - LEAD FREE WITH NO-CLEAN FLUX (TIN 96.5-SILVER 3.0-COPPER 0.5)

CONTACT FINISH


4 - STANDARD (SEE SHEET 1)  
 H - LEAD FREE (SEE SHEET 1)

PART NO.	A	B
TSB- PCM - - - - -00_	1.650	1.748
TSB- COM - - - - -00_	1.200	1.298

PART NO.	C MIN
TSB- - - - - [1] - - -00_	.118
TSB- - - - - [2] - - -00_	
TSB- - - - - [3] - - -00_	.125
TSB- - - - - [4] - - -00_	

NOTES: UNLESS OTHERWISE SPECIFIED

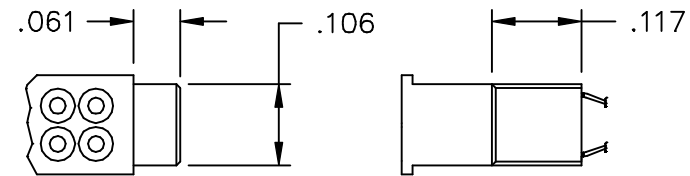
- INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994
- PRODUCTS SHOWN ON THIS DRAWING CONFORM TO ALL APPLICABLE PCMCIA AND CFA SPECIFICATIONS
- INDICATED HOST CARD THICKNESS FOR REFERENCE ONLY
- FOR OTHER SIZES, FINISHES OR ADDITIONAL DATA CONTACT TEKA'S CUSTOMER SERVICE DEPARTMENT
- GROUND CONTACT TO CASE INTERFACE FINISH - 50 MICROINCHES MIN NICKEL

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Checked by: JSC	Date: 01/12/00	
Title: PCMCIA AND CF SBL RECEPTACLE		Part No: TSB- - - - -00_ (SEE TABLE)
Ref No: S99017	Scale: ---	Sheet 2 of 3

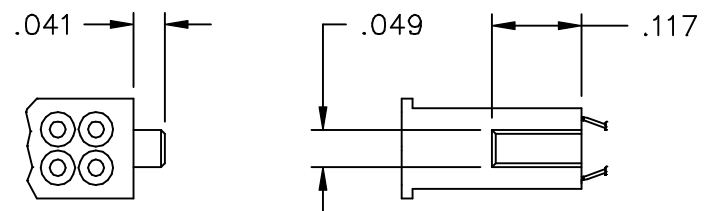
Rev	Description	Date	By
M	ALL REVISIONS - SEE SHEET 1	02/07/06	JSC



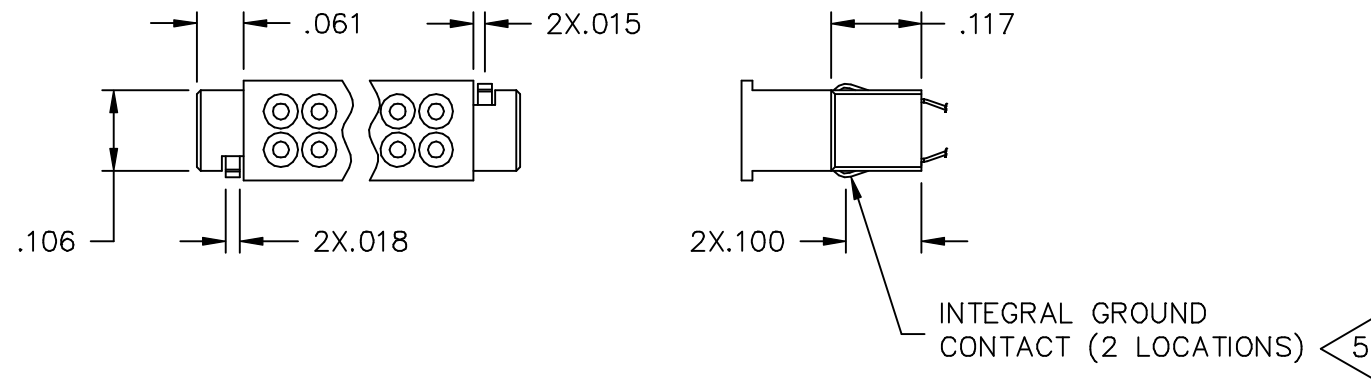
TSB-\_\_\_\_[0]\_\_\_\_-00 (NO EAR)



TSB-\_\_\_\_[1]\_\_\_\_-00 (FULL EAR)

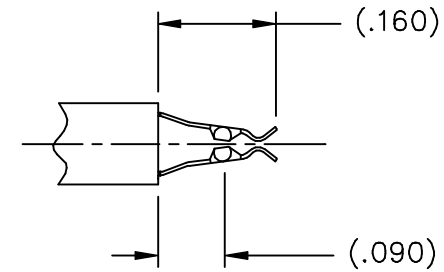


TSB-\_\_\_\_[2]\_\_\_\_-00 (NARROW EAR)

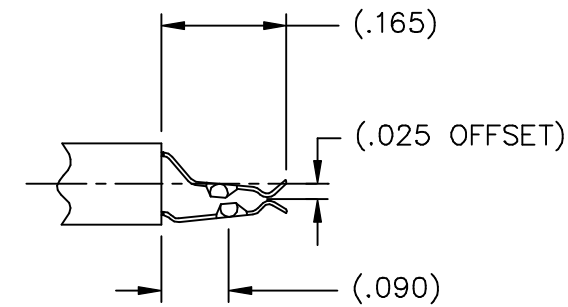


TSB-\_\_\_\_[3]\_\_\_\_-00  
(FULL EARS W/ INTEGRAL GROUND CONTACTS)

VIEW A - MOUNTING EAR VARIATION OPTIONS

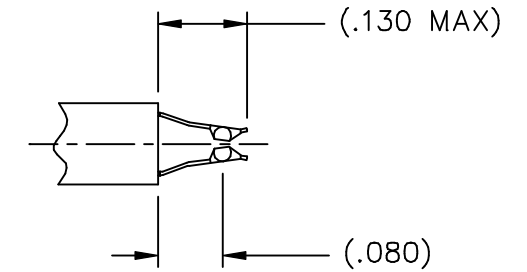


TSB-\_\_\_\_[1]\_\_\_\_-00  
(CENTRAL STRADDLE)

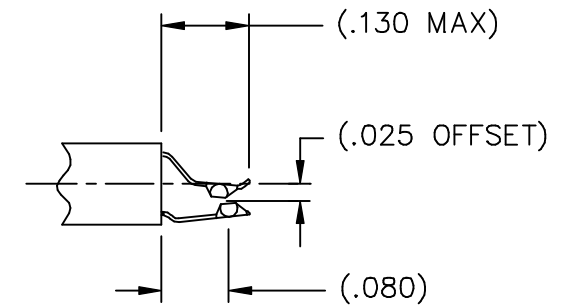


TSB-\_\_\_\_[2]\_\_\_\_-00  
(OFFSET STRADDLE)

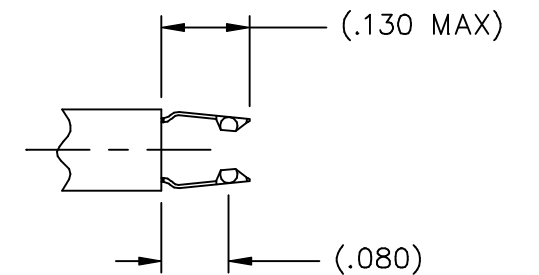
VIEW B - TERMINATION STYLE OPTIONS




TSB-\_\_\_\_[3]\_\_\_\_-00  
(MINIMIZED CENTRAL STRADDLE)



TSB-\_\_\_\_[4]\_\_\_\_-00  
(MINIMIZED OFFSET STRADDLE)



TSB-\_\_\_\_[3]\_\_\_\_-00 9  
(MINIMIZED CENTRAL STRADDLE - .062 PC CARD ONLY)

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Title: PCMCIA AND CF SBL RECEPTACLE		Part No: TSB-____-00_ (SEE TABLE)
Ref No: S99017	Scale: 4:1	Sheet 3 of 3