Rev	Description	Date	By
A	INITIAL RELEASE	09/15/05	JSC

PART NUMBER DESCRIPTION

2MR _ __ – _ _ __ – ___ – 0

- 2 MM RECEPTACLE
- NUMBER OF ROWS
  - 1 – ROW 4 – ROW
  - 2 – ROW
- POSITIONS PER ROW
  - 02 – 50
- OVERALL LENGTH
  - A – 21.3 [.840]
  - B – 11.6 [.458]
- SOLDER TYPE (SAC 305)
  - WN – NO–CLEAN FLUX
  - WM – SOLID CORE
  - NS – NO SOLDER
- BODY HEIGHT (.310 MIN)
  - .___ (IN DECIMAL INCHES)
- DESIGN VARIATION

③ CONTACT FINISH		
DESIGNATION	TAIL AREA	INTERFACE AREA
C	100 MICROINCHES PURE TIN	GOLD FLASH
3	GOLD FLASH	
D	100 MICROINCHES PURE TIN	20 MICROINCHES GOLD
∗7	GOLD FLASH	

(∗NOTE – RECOMMENDED FOR STACKTHROUGH APPLICATIONS)

NOTES: UNLESS OTHERWISE SPECIFIED

1 INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M–1994

2 FOR OTHER SIZES, FINISHES OR ADDITIONAL DATA CONTACT TEKA'S CUSTOMER SERVICE DEPARTMENT

③ ALL TIN FINISHES ARE LOW STRESS / WHISKER MITIGATING

MATERIAL:

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

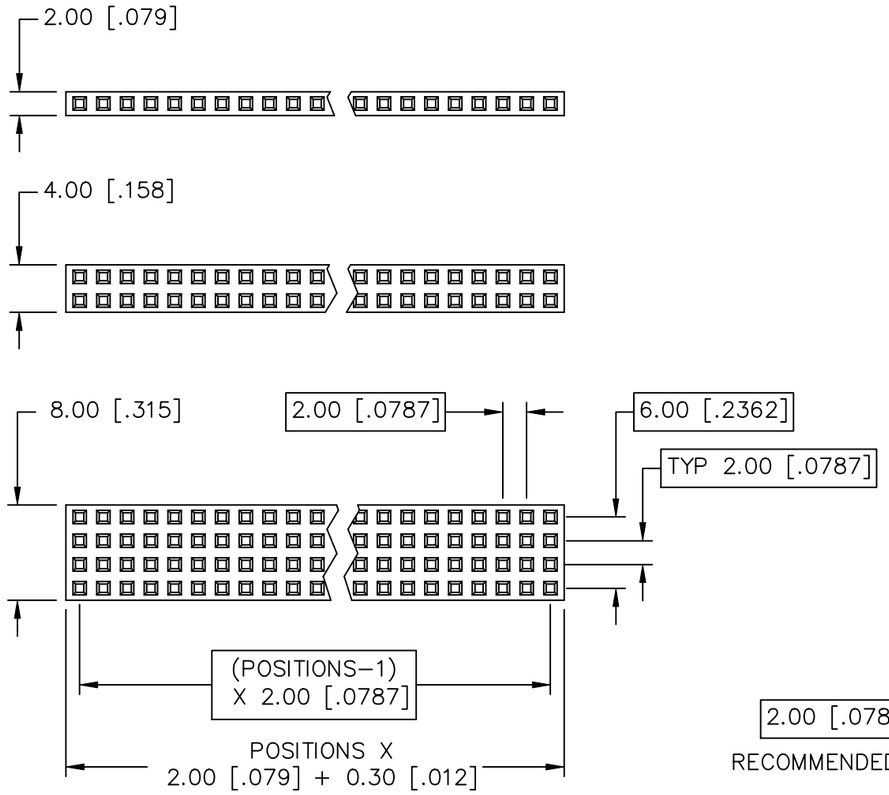
CONTACT FINISH: (SEE PART NUMBER DESCRIPTION)

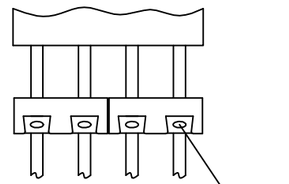
PERFORMANCE CHARACTERISTICS – MECHANICAL

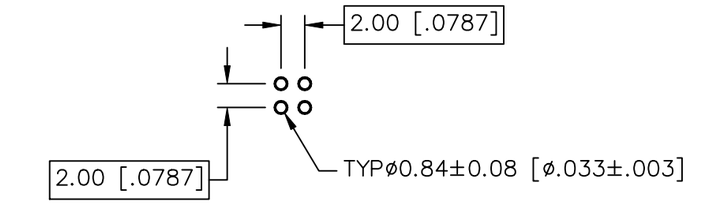
INSERTION FORCE: 1.8 OZ PER CONTACT MAX AVG
WITHDRAWAL FORCE: 1 OZ MIN AVG
NORMAL FORCE: 75 GRAMS MIN – EOL
DURABILITY: 100 CYCLES MIN (TYPE 7 FINISH)
OPERATING TEMP: –55°C – 85°C

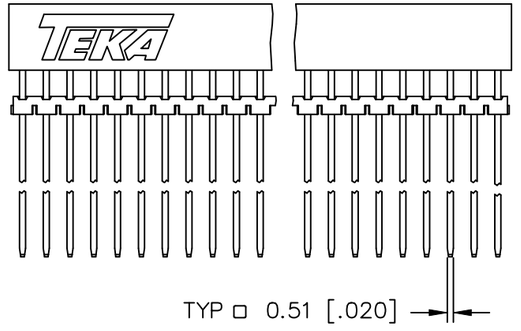
PERFORMANCE CHARACTERISTICS – ELECTRICAL

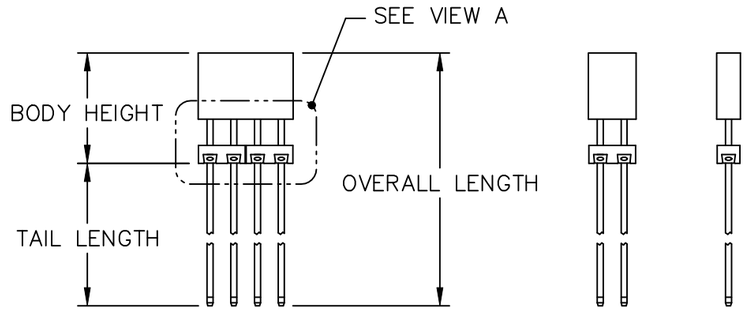
CONTACT RESISTANCE: 10 MILLIOHMS MAX INITIAL
CURRENT CAPACITY: 3 AMPS MAX PER CONTACT
DIELECTRIC STRENGTH: 500 VAC
INSULATION RESISTANCE: 10,000 MEGAOHMS MIN











Unless otherwise specified: All dimensions are: mm [Inches]	Drawn by: J CACHINA	Date: 09/15/05	TEKA AN INTERPLEX INDUSTRIES CO. 100 PIONEER AVE WARWICK, R.I. 02888 TEL:(401) 785-4110 FAX:(401) 781-5730 HTTP://WWW.TEKAIS.COM E-MAIL: sales@tekais.com
–Tolerances– No of places MM [IN] one ±0.5 ±.02 two ±0.25 ±.010 three ±0.10 ±.004 Angular ±5°	Checked by: JSC	Date: 09/15/05	
	Title: SB 2 MM STACKING RECEPTACLE (ROHS COMPLIANT)		Part No: 2MR___–____–___–0
		Ref No: S20558	Scale: 2:1 Sheet 1 of 1