

MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94-V0
 CONTACT: COPPER ALLOY
 MOUNTING CLIP: STEEL
 SOLDER: SAC 305 WITH NO-CLEAN FLUX
CONTACT FINISH:
 INTERFACE AREA: 30 MICROINCHES GOLD
 SOLDER TAIL AREA: 100 MICROINCHES MIN PURE TIN
 UNDERPLATE: 50 MICROINCHES MIN NICKEL

PERFORMANCE CHARACTERISTICS – MECHANICAL

DURABILITY: 400 CYCLES MINIMUM
 OPERATING TEMP: -55°C TO +125°C

PERFORMANCE CHARACTERISTICS – ELECTRICAL

CONTACT RESISTANCE: 20 MILLIOHMS MAX INITIAL
 CURRENT CAPACITY: 1 AMP MAX PER CONTACT
 DIELECTRIC STRENGTH: 1000V (RMS)
 INSULATION RESISTANCE: 10,000 MEGAOHMS MIN

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994
- 2 PRODUCTS SHOWN ON THIS DRAWING CONFORMS TO ALL APPLICABLE DIN SPECIFICATIONS
- 3 FOR OTHER SIZES, FINISHES OR ADDITIONAL DATA CONTACT TEKA'S CUSTOMER SERVICE DEPARTMENT

TABLE 1 – LOCKING CLIP OPTION	
PART NUMBER	DESCRIPTION
SDMS-316HL-N-000	WITH LOCKING CLIPS
SDMS-316HN-N-000	WITHOUT LOCKING CLIPS

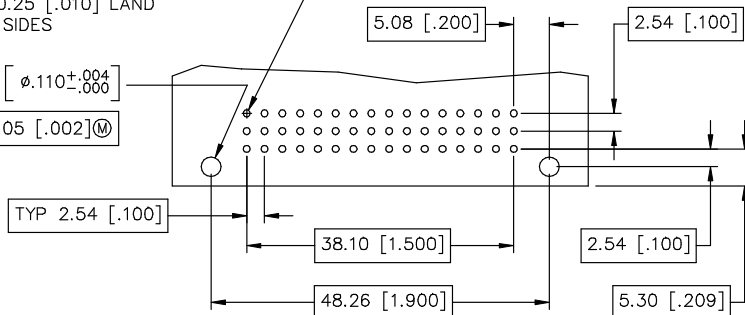
48X $\phi 1.00 \pm 0.10$ [$\phi 0.039 \pm 0.004$] WITH

$\phi 0.05$ [.002] @

0.13 [.005]–0.25 [.010] LAND 2 SIDES

2X $\phi 2.80 \pm 0.10$ [$\phi 0.110 \pm 0.004$]

$\phi 0.05$ [.002] @



Unless otherwise specified:

All dimensions are: mm [Inches]

-Tolerances-

No of places mm [IN]
 one $\pm 0,5 \pm 0.20$
 two $\pm 0,25 \pm 0.10$
 three $\pm 0,13 \pm 0.005$

Angular $\pm 2^\circ$

Drawn by:

J CACHINA

Date:

05/30/07

Checked by:

JSC

Date:

05/30/07

Title:

(ROHS COMPLIANT)
 SB 48 POSITION DIN 41612 MALE CONNECTOR



AN INTERPLEX INDUSTRIES CO.

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Part No:

SDMS-316H_L-N-000 (SEE TABLE)

Ref No: S20712

Scale: 1.5:1

Sheet 1 of 1