REV	DESCRIPTION	BY DATE	APPD
B	ER6996	PSM 03/10/08	V.B.H.

NOTES:

1. CATALOG No. AND 4 DIGIT DATE CODE & MANUFACTURING LOCATION LOCATED APROXIMATLY AS SHOWN.
2. SEE DRAWING 27367 FOR PLATED THRU HOLE REQUIREMENTS.
3. COVER TO BE USED FOR ONE CONNECTOR INSERTION ONLY.
4. Δ = CONTACT PLATING CODE SEE CHART FOR CODE AND DESCRIPTION

SPECIFICATIONS

MATERIALS

① *Insulator:*
Polyester Thermoplastic, Glass Filled
Color: Black

② *Contact:*
Copper Nickel Alloy No. 725
Finish: Mating Zone: Gold Over Nickel
Compliant Zone: SEE CHART

③ *Shield:*
Cold Rolled Steel
Finish: Pure Tin

④ *Insert, Flush #4-40 Thd.*
Carbon Steel
Finish: Pure Tin

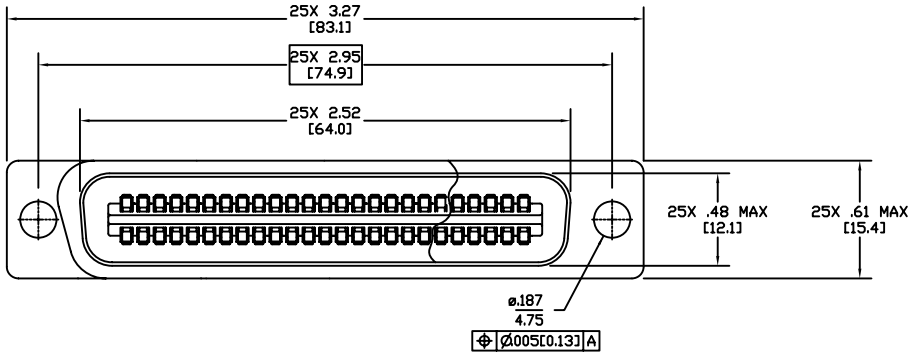
3 ⑤ *Insertion and Dust Cover*
Polycabonate Thermoplastic
Color: Red

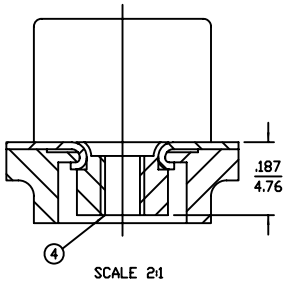
PERFORMANCE CHARACTERISTICS

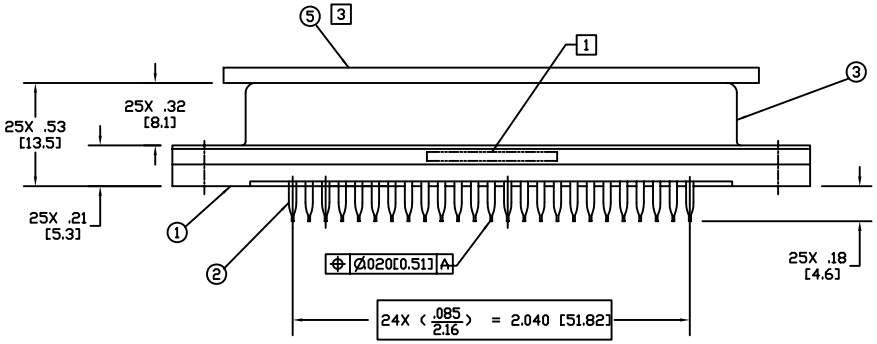
Insulation resistance: ——— *5,000 megohms minimum*
Current rating: ——— *1 amp @ 70°C*
1.5 amp @ 20°C
Operating temperature range: — *-55°C to +125°C*
Contact resistance: ——— *2 millohms maximum*

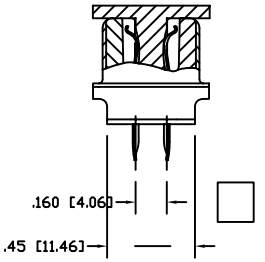
Compliant Contact

Max. Insertion Force (per contact) —— *40 lbs. / 179 N maximum*
Min. Retention Force (per contact) —— *7 lbs. / 31 N minimum*





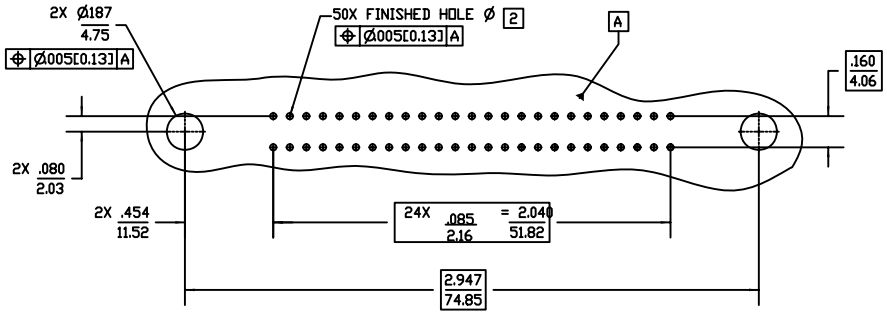




CATALOG No. 1841250R1Δ5556 SHOWN

4

Δ	COMPLIANT ZONE	DESCRIPTION
D	TIN LEAD OVER NICKEL	ROHS WITH C-PRESS EXEMPTION
H	PURE TIN OVER NICKEL	ROHS WITHOUT EXEMPTION



2 RECOMMENDED PC BOARD REQIREMENTS
(COMPONENT SIDE OF BOARD SHOWN)

PER ASME Y14.5M-1994
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES/MM
TOLERANCES:
DECIMALS .XX /X.X± .02[0.5]
.XXX /X.XX± .005[0.13]
ANGLES ± X° SCALE: 1:1

WINCHESTER ELECTRONICS

CUSTOMER DRAWING

DRAWN	DATE	APPROVED	DATE
C.W.B.	01/22/07	W.P.M.	02/20/07
APPROVED	DATE	APPROVED	DATE
V.B.H.	02/16/07		

TITLE
RECEPTACLE
C'TEL SHIELD
.085 X .160 GRID
C'PRESS CONNECTOR (RoHS)

A	27420	SHT. 1 OF 1	REV. B