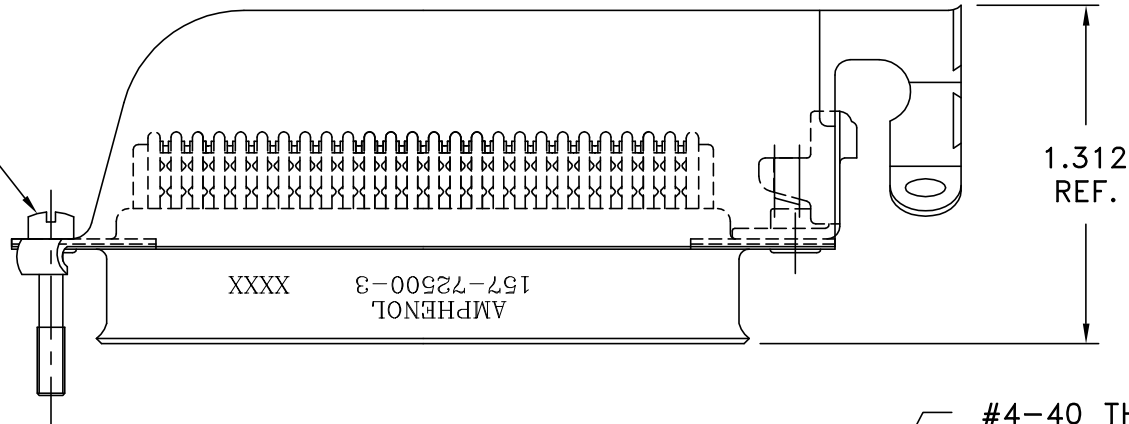


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REVISIONS

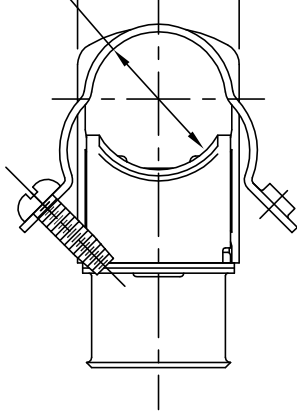
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	INITIAL RELEASE	05/31/04	TSUI
B	HK	ADD CHOP OF ROHS	3/28/06	IP

#4-40x5/8
SCREW

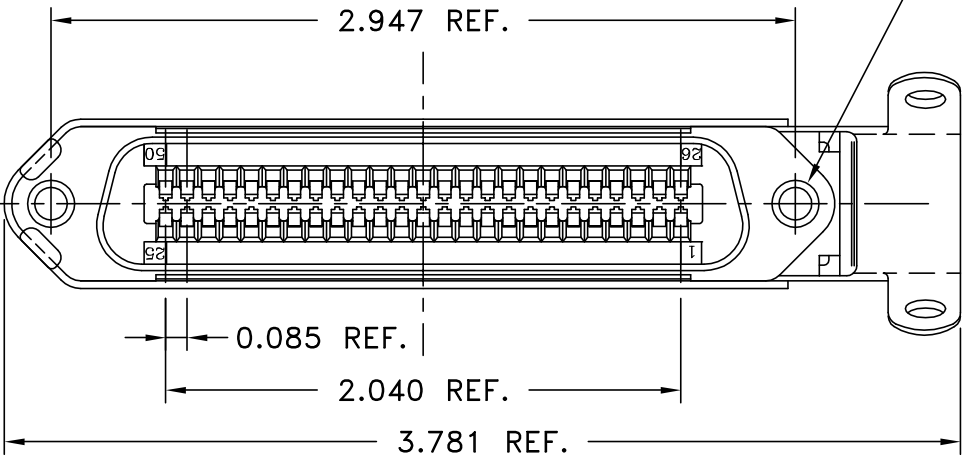


0.530 REF.
DIA.

0.650
MAX.



#4-40 THR'D INSERT



SPECIFICATIONS:

- 1) INSULATION DISPLACEMENT CONTACTS: TO ACCOMMODATE 24-26 AWG SOLID AND 26-28 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: PBT GLASS FIBER RE-INFORCED, UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- 5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- 6) CURRENT CAPACITY: 5 AMPS/CONTACT
- 7) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
200 VOLTS D.C. AT 70,000 FEET
- 8) INSULATION RESISTANCE: >5000 M OHM
- 9) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 10) CONNECTOR MATING FORCE: REFER TO TABLE 1.
- 11) CONTACT RETENTION FORCE: 2 LBS MAX.
- 12) DURABILITY: 250 CYCLES MIN.
- 13) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 14) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)
- 15) METAL HOOD, SCREWS AND DUST COVER ARE SHIPPED LOOSE IN BULK PACK.



TABLE 1

CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

CUSTOMER INFORMATION DRAWING

ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.020 .XX +/- 0.010 .XXX +/- 0.005 FRACTIONS +/- ANGLES +/- 1°		APPROVAL DRAWN XS.GUO CHECKED CHECKED DATE 3/28/06	Amphenol
FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES		DRAWING FILE : \\DRAWING\\157\\C157725003B.DWG	TITLE 50 CONTACT PLUG ASSEMBLY RUNNING CABLE 1-26 END 28 & 26 AWG WIRE, DUST COVER
DIMENSIONS U.S. INCHES (-METRIC-) (-MM-)		ANGLE OF PROJECTION 	SIZE A3 DRAWING NO. C157-72500-3B REV. B
		SCALE NONE	SHEET 1 OF 1