

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disseminated, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without the prior consent, & that no right is granted to disclose or to use any information in this document.

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	INITIAL RELEASE	3/26/01	Y.M.LEE
B	HK	ADD CHOP OF ROHS	3/28/06	IP

#4-40x5/8 SCREW

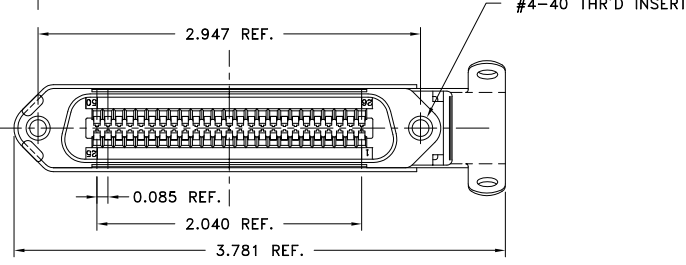
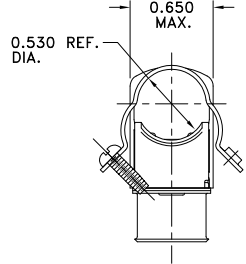
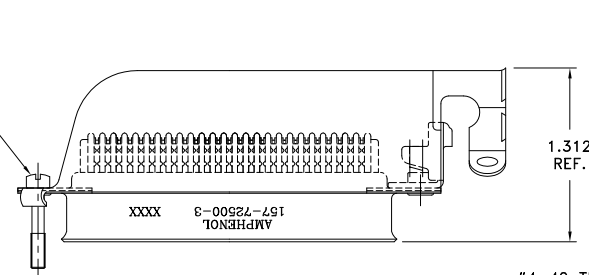


TABLE 1

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

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)

CUSTOMER INFORMATION DRAWING

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