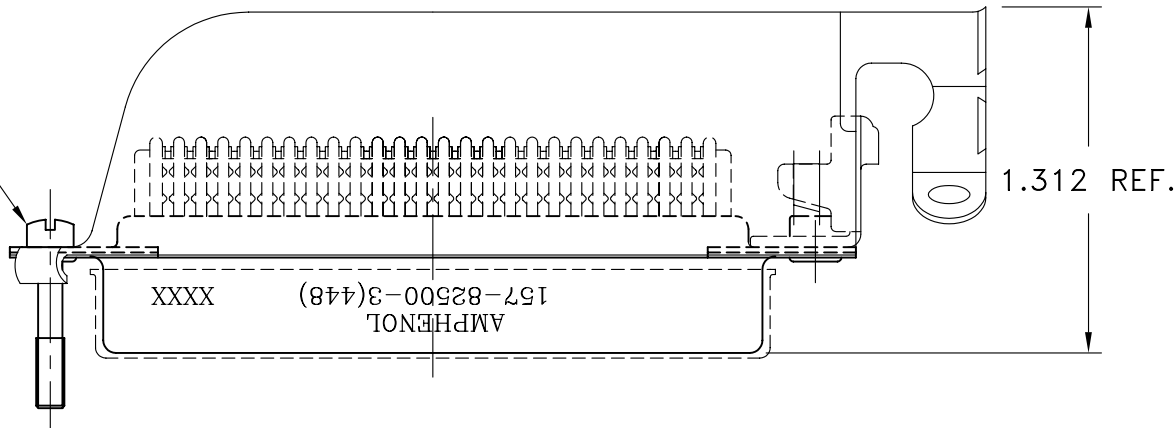


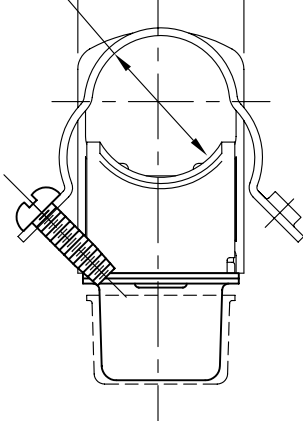
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	INITIAL RELEASE	10/24/02	Y.M.LEE
1	HK	ADD CHOP OF ROHS	2/24/09	IP

#4-40x5/8
SCREW

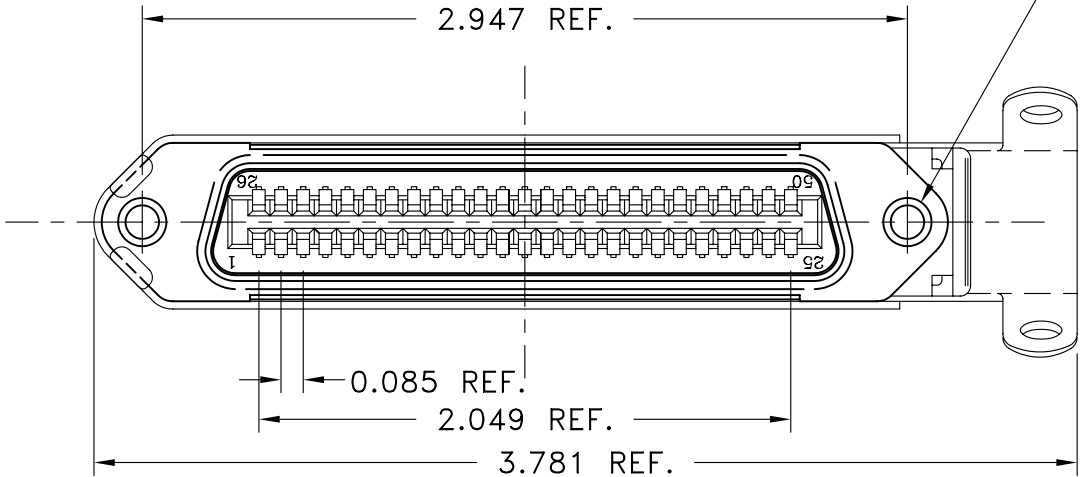


0.530 REF.
DIA.

0.650
MAX.



#4-40 THR'D INSERT



SPECIFICATIONS:

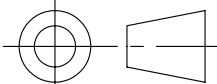
- 1) INSULATION DISPLACEMENT CONTACTS: TO ACCOMMODATE 24-26 AWG SOLID AND 26-28 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: PBT GLASS FIBER RE-INFORCED, UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 30 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES 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)



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° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES —(METRIC)— —(MM)—				APPROVAL		DATE		Amphenol			
				DRAWN XSGUO		2/24/09					
				CHECKED							
				CHECKED							
				DRAWING FILE :		\DRAWING\157\C157825003448.DWG					
				TITLE 50 CONTACT RECEPT. ASSEMBLY RUNNING CABLE 25-50 END 28 & 26 AWG WIRE, DUST COVER							
				ANGLE OF PROJECTION		SIZE		DRAWING NO.		REV.	
						A3		C157-82500-3(448)		1	
						SCALE		NONE		SHEET 1 OF 1	