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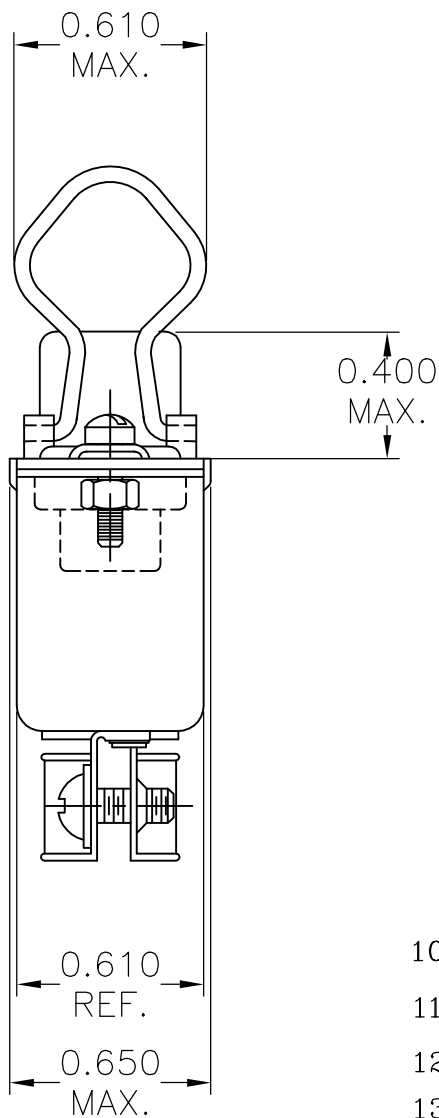
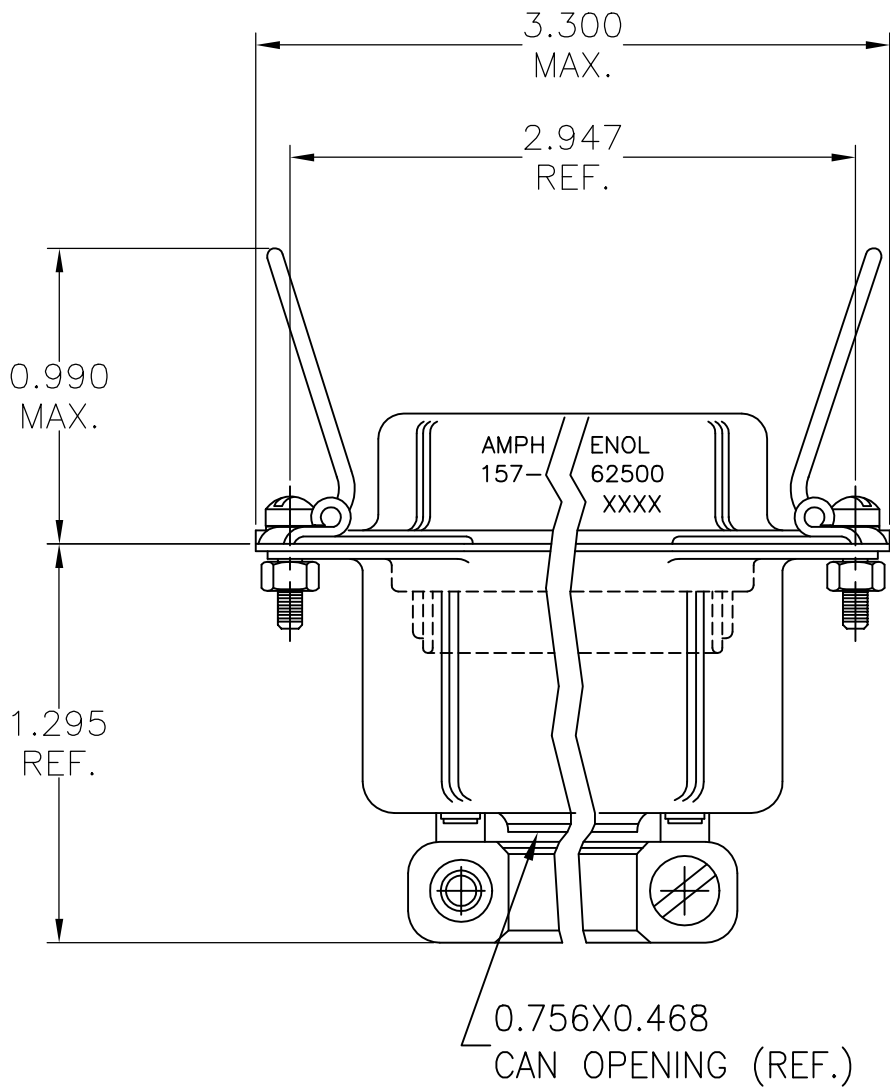


TABLE 1

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

- 10) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
11) CONNECTOR MATING FORCE: REFER TO TABLE 1.
12) CONTACT RETENTION FORCE: 2 LBS MAX.
13) DURABILITY: 250 CYCLES MIN.
14) VIBRATION: NO INTERRUPTIONS < 1u SEC.
15) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)

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.
6) BAIL LATCH MATERIAL: STAINLESS STEEL WIRE, PASSIVATED FINISH.
7) CURRENT CAPACITY: 5 AMPS/CONTACT
8) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
200 VOLTS D.C. AT 70,000 FEET
9) INSULATION RESISTANCE: >5000 M OHM

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 DRAWN XS.GUO CHECKED CHECKED	DATE 5/4/06
		Amphenol	
		TITLE 50 CONTACT RECEPTACLE ASSEM, CABLE MOUNT-MICROPIERCE, MODIFIED BACK SHELL	
		ANGLE OF PROJECTION 	SIZE A3
		DRAWING FILE : \DRAWING\157\C15762500.DWG	DRAWING NO. C157-62500
		SCALE NONE	REV. B
		SHEET 1 OF 1	