

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its 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	PRELIMINARY RELEASE	01/10/03	Y.M.LEE
B	HK	ADD CHOP OF ROHS	3/16/06	IP

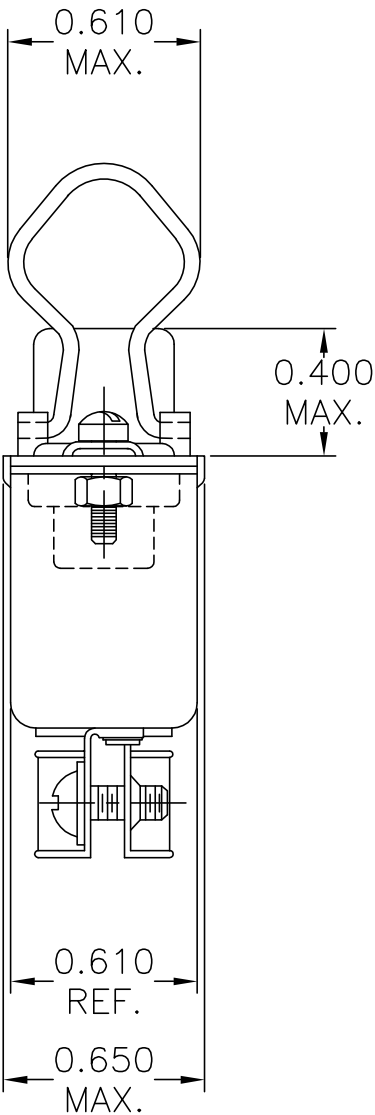
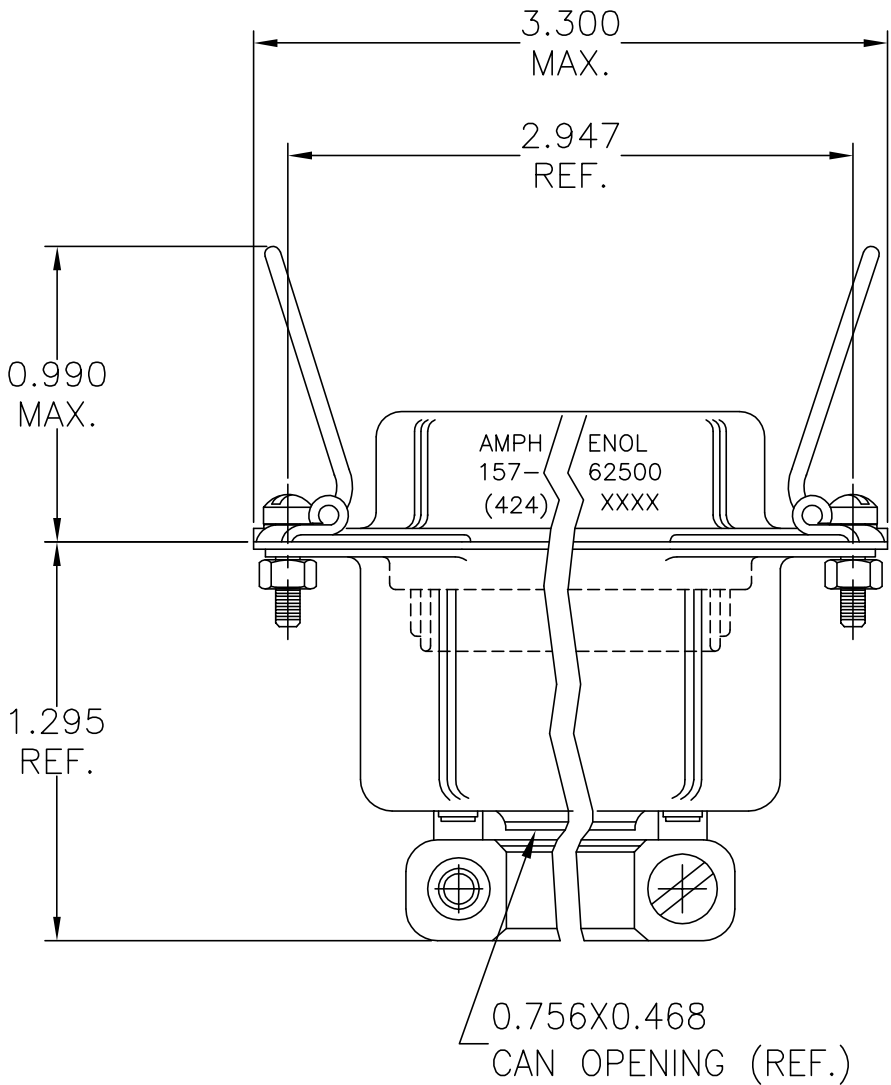


TABLE 1

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: 30 MICRO-INCHES MIN. GOLD MATING AREA, GOLD FLASH ALL OVER. 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		APPROVAL	DATE	Amphenol
		DRAWN XS.GUO	3/16/06	
		CHECKED		
		CHECKED		
		DRAWING FILE : \\DRAWING\\157\\C15762500424.DWG		TITLE 50 CONTACT RECEPTACLE ASSEM, CABLE MOUNT-MICROPIERCE, MODIFIED BACK SHELL
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS		SIZE	DRAWING NO.	
U.S.		INCHES		A3 C157-62500(424) B
-(METRIC)-		-(MM)-		
		SCALE	NONE	SHEET 1 OF 1