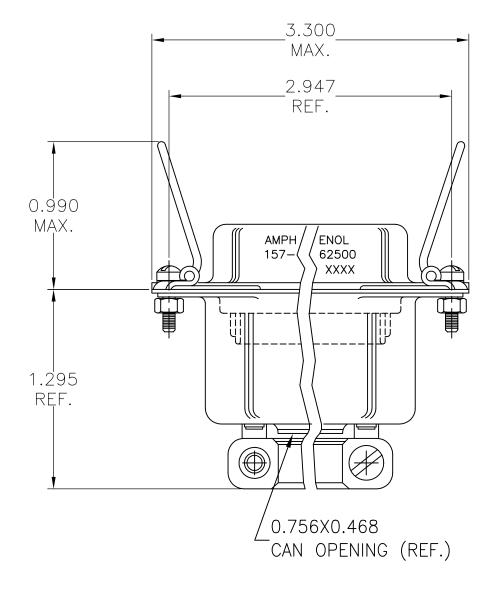
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 REVISIONS

 SYM
 ECN
 DESCRIPTION
 DATE
 APPROVED

 A
 HK
 PRELIMINARY RELEASE
 11/20/02 Y.M.LEE

 B
 HK
 ADD CHOP OF ROHS
 5/4/06 IP



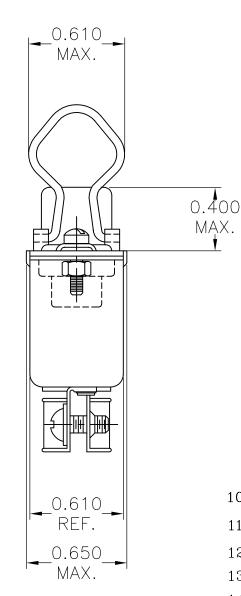




TABLE 1

CONNECTOR	AVERAGE MATING
SIZES	FORCE (POUNDS)
14	5
14	J
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 $+105^{\circ}$ C $(-67^{\circ}$ F TO $+221^{\circ}$ 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	IDEI	PART OR IDENTIFICATION NO		NOMENCLATURE OR DESCRIPTION					OTY REQ'D		
	PARTS LIST										
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL DATE		A see a la cua a l							
	U.S. METRIC		DRAWN	XS.GUO	5/4/06	Amphenol					
.x +	.X +/- 0.020 .XX +/- 0.010 .XXX +/- 0.005		CHECKED	l							
-XX +			CHECKED								
FRACTIONS +/-					TITLE 50 CONTACT RECEPTACLE ASSEM,						
ANGLES	ANGLES +/- 1º /		DRAWING FILE :			CABLE MOUNT-MICROPIERCE,					
	FOR MATERIALS AND FINISHES SEE NOTES		\DRAWIN	\DRAWING\157\C15762500.DWG			MODIFIED BACK SHELL				
	REMOVE SHARP EDGES DIMENSIONS		ANGL	ANGLE OF PROJECTION							
			1 _			SIZE DRAWING NO.			REV.		
U	ı.s.	INCHES	1 4			A 3		C157-62500			
-(MET	'RIC)	(MM)				SC	ALE	NONE	SHEET 1	OF 1	
2								1			

3

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Mouser Electronics

Authorized Distributor

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<u>Amphenol</u>: 157-62500