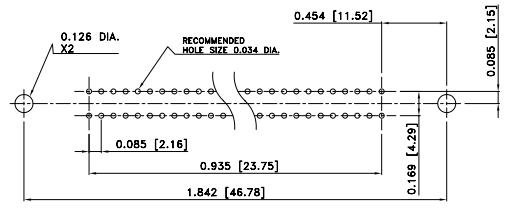
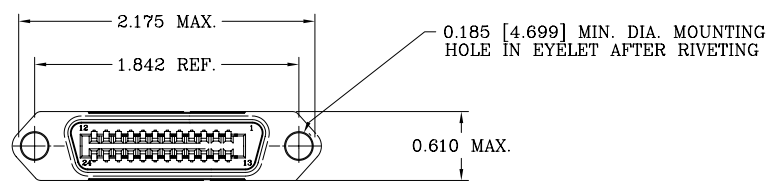


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REVISIONS				
SYM	BCN	DESCRIPTION	DATE	APPROVED
1	HK#	PRELIMINARY RELEASE	11/1/10	Michael
2	HK#	UPDATED DRAWING NO.	11/8/10	Tony



CONTACT HOLE SPACING FOR PC BOARD - RECEPTACLE  
PC BOARD THICKNESS: 0.080 - 0.120"

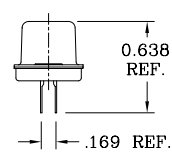
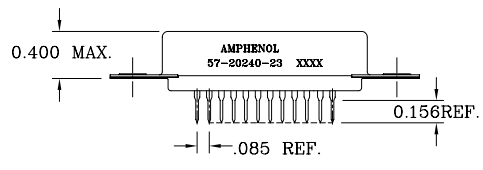


TABLE 1

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

**SPECIFICATIONS:**

- 1) SOLDER PCB CONTACT: 0.156" [3.96] CONTACT TAIL LENGTH.
- 2) DIELECTRIC: DIALYL-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA, GOLD FLASH ON TAIL. 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- 5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- 6) CURRENT CAPACITY: 5 AMPS
- 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 .
- 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
U.S.		DRAWN sm.guo	11/1/10
METRIC		CHECKED	
X	+/- .010		
.XX	+/- .004		
.XXX	+/- .002		
FRACTIONS	+/-		
ANGLES	+/- 1°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : /DRAWING/07/C872024023.DWG	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES	SIZE	DRAWING NO.
(METRIC)	(MM)	A3	C57-20240-23
		SCALE	NONE
		REV. 2	
		SHEET 1 OF 1	

**Amphenol**

TITLE 24 CONTACT RECEPTACLE ASS'Y  
MINIATURE RIBBON, .185" MOUNTING HOLE, 0.156" PC TAIL