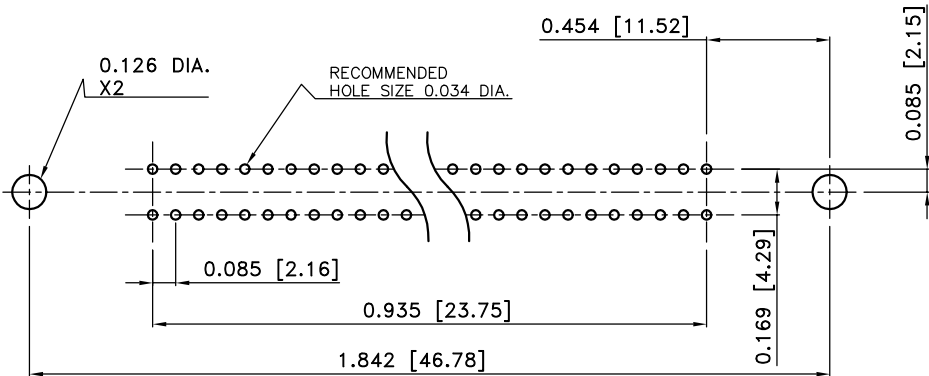
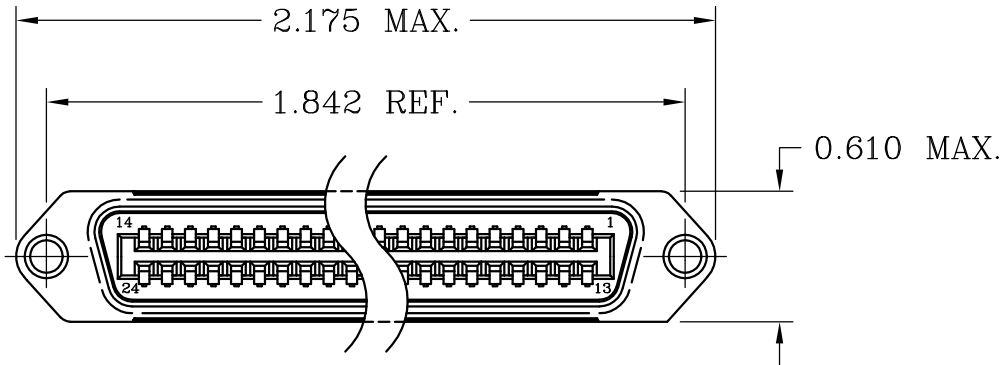


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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK#	PRELIMINARY RELEASE	3/26/07	IP



CONTACT HOLE SPACING FOR PC BOARD –
RECEPTACLE
PC BOARD THICKNESS: 0.060 – 0.120”

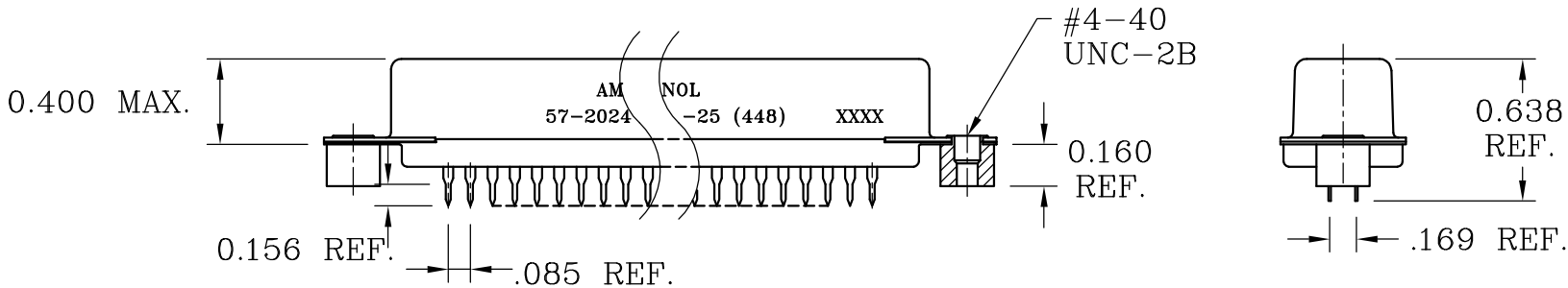


TABLE 1

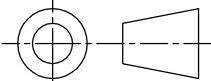
CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

SPECIFICATIONS:

- 1) SOLDER PCB CONTACT: 0.156” [3.96] CONTACT TAIL LENGTH.
- 2) DIELECTRIC: Diallyl-phthalate per MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 30 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/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)
- 15) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN001

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 +/- .010 .XX +/- .004 .XXX +/- .002 FRACTIONS +/- ANGLES +/- 1° FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL		DATE	Amphenol	
		DRAWN	XS.GUO	3/26/07		
		CHECKED				
		CHECKED				
		DRAWING FILE : /DRAWING/57/C572024025448.DWG				
REMOVE SHARP EDGES		ANGLE OF PROJECTION			TITLE 24 CONTACT RECEPTACLE ASS'Y MINIATURE RIBBON, .0156" PC TAIL, METAL STANDOFF	
DIMENSIONS						
U.S.		INCHES		SIZE	DRAWING NO.	REV.
-(METRIC)-		-(MM)-		A3	C57-20240-25(448)	1
		SCALE		NONE		SHEET 1 OF 1