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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK2447	RELEASED TO PRODUCTION	1/07/03	Y.M.LEE
B	HK#	ADD CHOP OF ROHS	1/22/07	IP

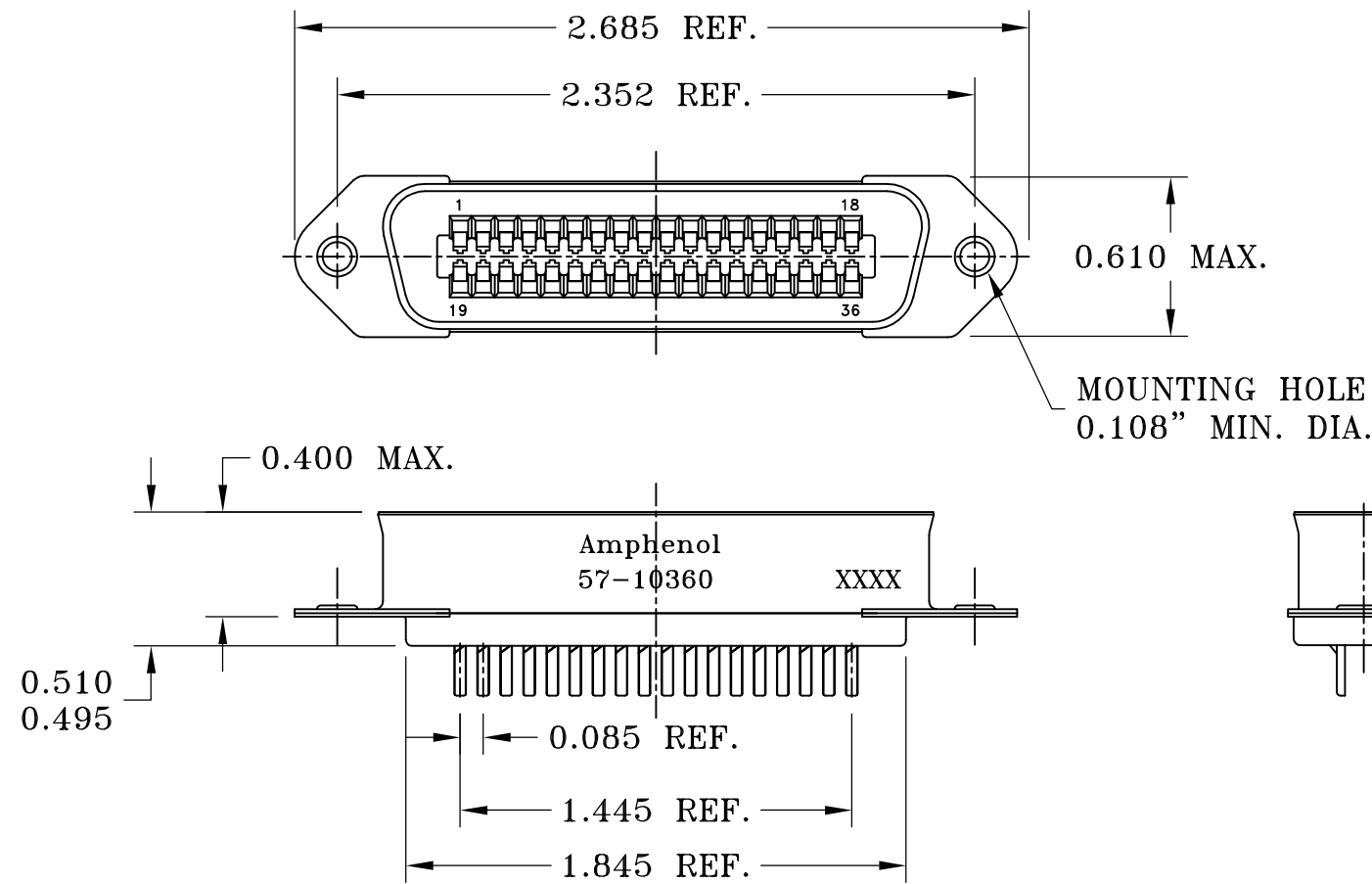


TABLE 1

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

SPECIFICATIONS:

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- 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: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 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	NOMENCLATURE OR DESCRIPTION			QTY REQ'D		
PARTS LIST						
UNLESS OTHERWISE SPECIFIED TOLERANCES  U.S. METRIC  .X +/- .015 .XX +/- .010 .XXX +/- .005 FRACTIONS +/- ANGLES +/- 1°  FOR MATERIALS AND FINISHES SEE NOTES  REMOVE SHARP EDGES  DIMENSIONS  U.S. INCHES  -(METRIC)- -(MM)-		APPROVAL		DATE	Amphenol	
		DRAWN	XS.GUO	1/22/07		
		CHECKED				
		CHECKED				
		DRAWING FILE:				
		DRAWING\57\C5710360.DWG		TITLE  36 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON		
		ANGLE OF PROJECTION		SIZE	DRAWING NO.	REV.
				A3	C57-10360	B
				SCALE	NONE	SHEET 1 OF 1

# Mouser Electronics

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