

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	RELEASED TO CUSTOMER	01/14/03	Y.M.LEE
B	HK	ADD CHOP OF ROHS	5/19/06	IP
1	HK	ADD DIM 0.171 AND 0.044REF	10/11/10	IP

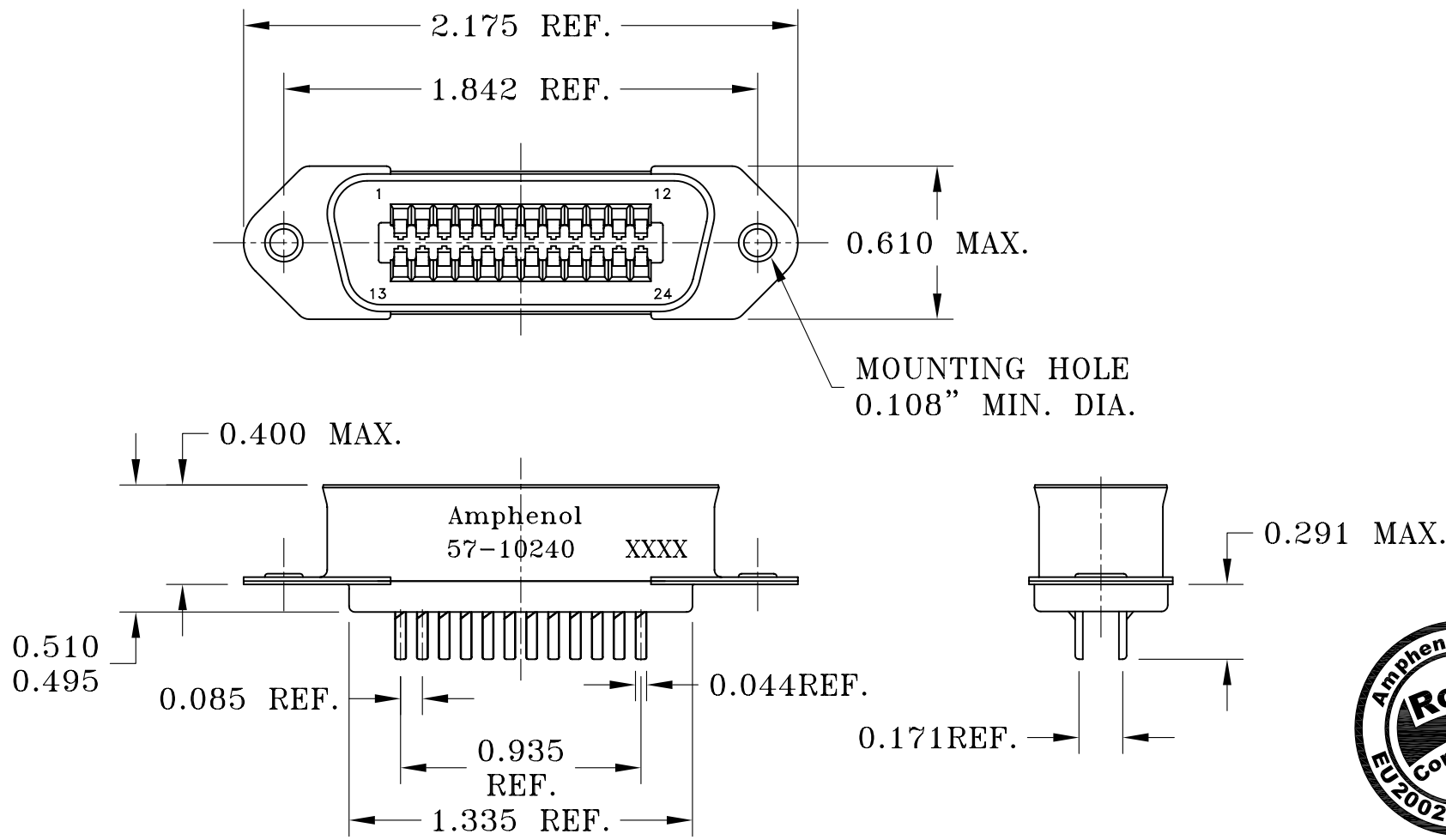


TABLE 1

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: DIALLY-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 MAX
- 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		APPROVAL	DATE	Amphenol		
U.S. METRIC		DRAWN	XS.GUO			
.X +/- .015		CHECKED	10/8/10			
.XX +/- .010		CHECKED				
.XXX +/- .005		DRAWING FILE:		TITLE 24 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON		
FRACTIONS +/- 1°		\DRAWING\57\C5710240-1.DWG				
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION				
REMOVE SHARP EDGES		DIMENSIONS		SIZE A3	DRAWING NO. C57-10240	REV. 1
U.S. INCHES		SCALE		NONE SHEET 1 OF 1		
-(METRIC)-						

Mouser Electronics

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