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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

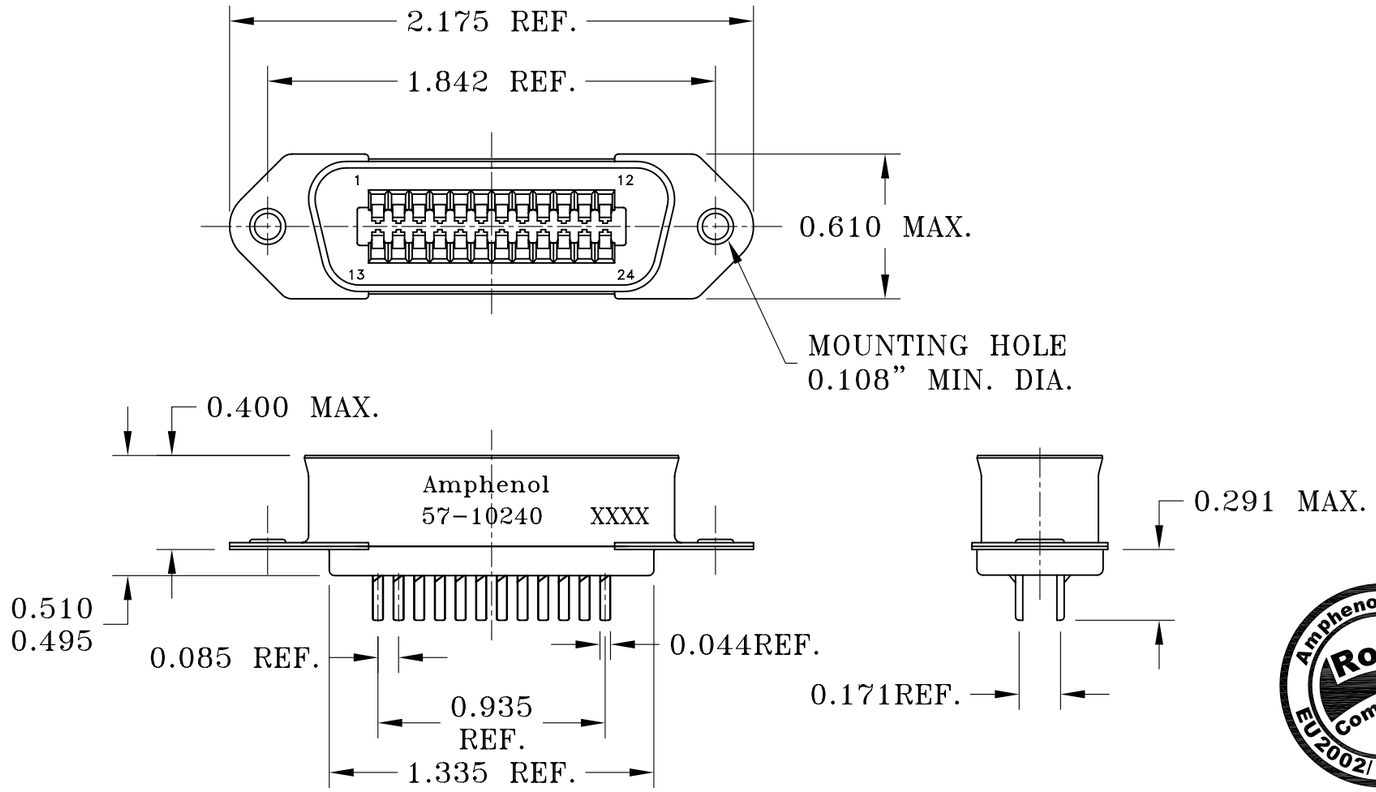

TABLE 1

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

	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
DRAWN	XS.GUO	10/8/10
CHECKED		
CHECKED		

DRAWING FILE: \DRAWING\57\C5710240-1.DWG

ANGLE OF PROJECTION

Amphenol

TITLE 24 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON

SIZE	DRAWING NO.	REV.
A3	C57-10240	1

SCALE NONE SHEET 1 OF 1