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REVISIONS				
SYM	RCN	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 0.044 REF	10/11/10	IP

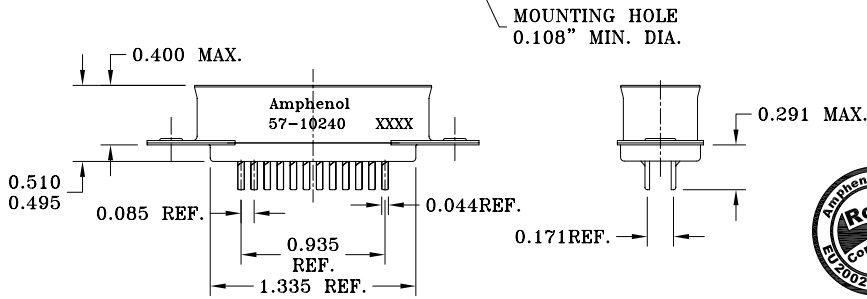
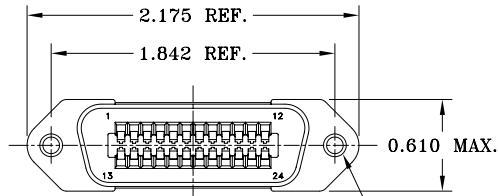


TABLE 1

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: 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 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.# S5N001.

**CUSTOMER INFORMATION DRAWING**

ITEM NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D																																
PARTS LIST																																		
<table border="1"> <tr> <th colspan="2">UNLESS OTHERWISE SPECIFIED TOLERANCES</th> <th>APPROVAL</th> <th>DATE</th> </tr> <tr> <td></td> <td>U.S.</td> <td>DRAWN</td> <td>XS.GUO</td> </tr> <tr> <td></td> <td>METRIC</td> <td>CHECKED</td> <td>10/8/10</td> </tr> <tr> <td>.X</td> <td>+/- .015</td> <td>CHECKED</td> <td></td> </tr> <tr> <td>.XX</td> <td>+/- .010</td> <td></td> <td></td> </tr> <tr> <td>.XXX</td> <td>+/- .005</td> <td></td> <td></td> </tr> <tr> <td>FRACTIONS</td> <td>+/- .005</td> <td></td> <td></td> </tr> <tr> <td>ANGLES</td> <td>+/- 1°</td> <td></td> <td></td> </tr> </table>		UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE		U.S.	DRAWN	XS.GUO		METRIC	CHECKED	10/8/10	.X	+/- .015	CHECKED		.XX	+/- .010			.XXX	+/- .005			FRACTIONS	+/- .005			ANGLES	+/- 1°			<h1>Amphenol</h1>
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FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		DRAWING FILE: \DRAWING\57\C5710240-1.DWG TITLE: 24 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON SIZE: A3 DRAWING NO.: C57-10240 SCALE: NONE SHEET 1 OF 1																																