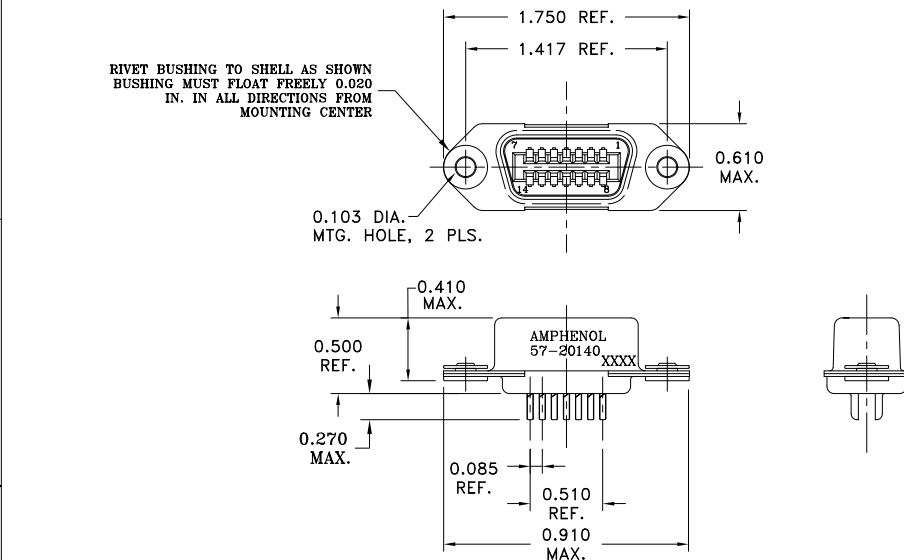


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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	PRELIMINARY RELEASE	11/20/02	Y.M.LEE
B	HK	ADD CHOP OF ROHS	7/18/06	IP

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/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)

**CUSTOMER INFORMATION DRAWING**

ITEM NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D																																				
PARTS LIST																																						
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED TOLERANCES</td> <td>APPROVAL</td> <td>DATE</td> </tr> <tr> <td>U.S. METRIC</td> <td>DEATH XS.GUO</td> <td>7/18/06</td> </tr> <tr> <td>.X +/- .015</td> <td>CHECKED</td> <td></td> </tr> <tr> <td>.XX +/- .010</td> <td>CHECKED</td> <td></td> </tr> <tr> <td>.XXX +/- .005</td> <td></td> <td></td> </tr> <tr> <td>FRACTIONS +/- 1/16"</td> <td></td> <td></td> </tr> <tr> <td>ANGLES +/- 1°</td> <td></td> <td></td> </tr> <tr> <td>FOR MATERIALS AND FINISHES SEE NOTES</td> <td>DRAWING FILE:</td> <td></td> </tr> <tr> <td>REMOVE SHARP EDGES</td> <td>\\DRAWING\57\C5720140.DWG</td> <td></td> </tr> <tr> <td>DIMENSIONS</td> <td>ANGLE OF PROJECTION</td> <td></td> </tr> <tr> <td>U.S. INCHES</td> <td></td> <td></td> </tr> <tr> <td>(METRIC)</td> <td>(MM)</td> <td></td> </tr> </table>		UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL	DATE	U.S. METRIC	DEATH XS.GUO	7/18/06	.X +/- .015	CHECKED		.XX +/- .010	CHECKED		.XXX +/- .005			FRACTIONS +/- 1/16"			ANGLES +/- 1°			FOR MATERIALS AND FINISHES SEE NOTES	DRAWING FILE:		REMOVE SHARP EDGES	\\DRAWING\57\C5720140.DWG		DIMENSIONS	ANGLE OF PROJECTION		U.S. INCHES			(METRIC)	(MM)		<p style="text-align: center; font-size: 24pt; font-weight: bold;">Amphenol</p> <p>TITLE 14 SIZE RECEPTACLE ASSY. RACK &amp; PANEL MINIATURE RIBBON</p> <p>SIZE DRAWING NO. A3 C57-20140</p> <p>SCALE NONE SHEET 1 OF 1</p>
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