

Excellent Integrated System Limited

Stocking Distributor

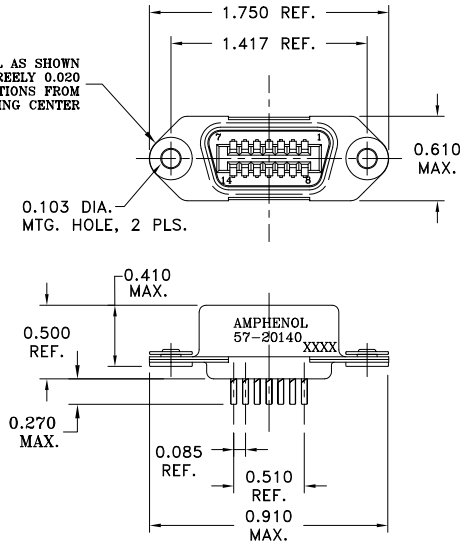
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[Amphenol Commercial Products](#)
[5720140](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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REVISIONS				
SYM	RCN	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: 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)

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 +/- 1" ANGLES +/- 1° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		APPROVAL DRAWN XS.GUO CHECKED DATE 7/18/06 CHECKED DRAWING FILE: \DRAWING\87\CS720140.DWG ANGLE OF PROJECTION
TITLE 14 SIZE RECEPTACLE ASSY, RACK & PANEL MINIATURE RIBBON		SIZE DRAWING NO. A3 C57-20140 SCALE NONE SHEET 1 OF 1