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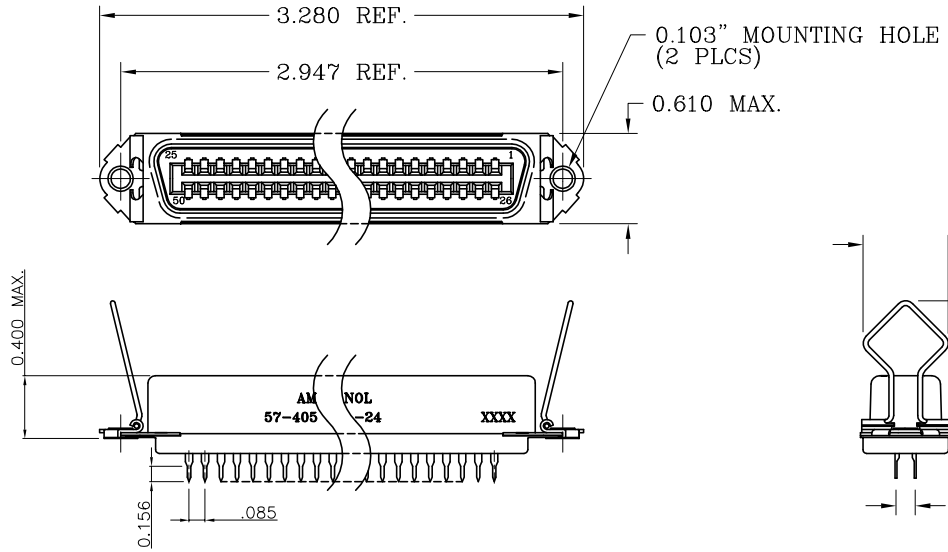
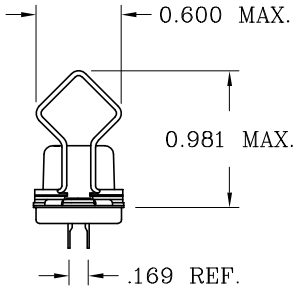
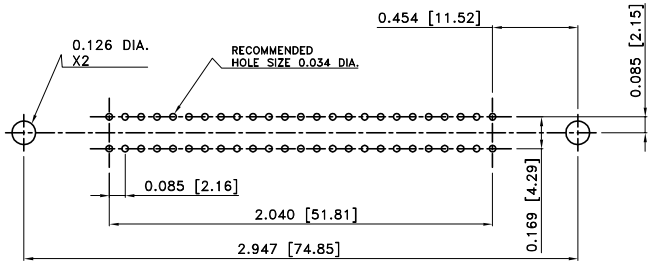
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A1	HK#	PRELIMINARY RELEASE	7/21/03	Y.M.LEE
B	HK#	ADD CHOP OF ROHS	1/09/06	IP







CONTACT HOLE SPACING FOR
PC BOARD – RECEPTACLE
PC BOARD THICKNESS: 0.060
– 0.120"

TABLE 1

CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

SPECIFICATIONS:

1) INSERT PCB CONTACT: 0.156" [3.96] CONTACT TAIL LENGTH.
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, GOLD FLASH ON TAIL.
   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)
15) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC. # SSN001.

Amphenol Shenzhen RoHS Compliant EU2002/95/EC

CUSTOMER INFORMATION DRAWING

ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D

PARTS LIST

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC
.X +/- .010
.XX +/- .004
.XXX +/- .002
FRACTIONS +/-
ANGLES +/- 1°
FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. INCHES
~~(METRIC)~~ ~~(MM)~~

APPROVAL		DATE
DRAWN	XS.GUO	1/9/06
CHECKED		
CHECKED		

DRAWING FILE : /DRAWING/57/C574050024.DWG

ANGLE OF PROJECTION

Amphenol

TITLE 50 CONTACT RECEPTACLE ASS'Y MINIATURE RIBBON, SPRING LATCH, .156" PC TAIL WITH MOUNTING HOLE

SIZE	DRAWING NO.	REV.
A3	C57-40500-24	B

SCALE	NONE	SHEET 1 OF 1