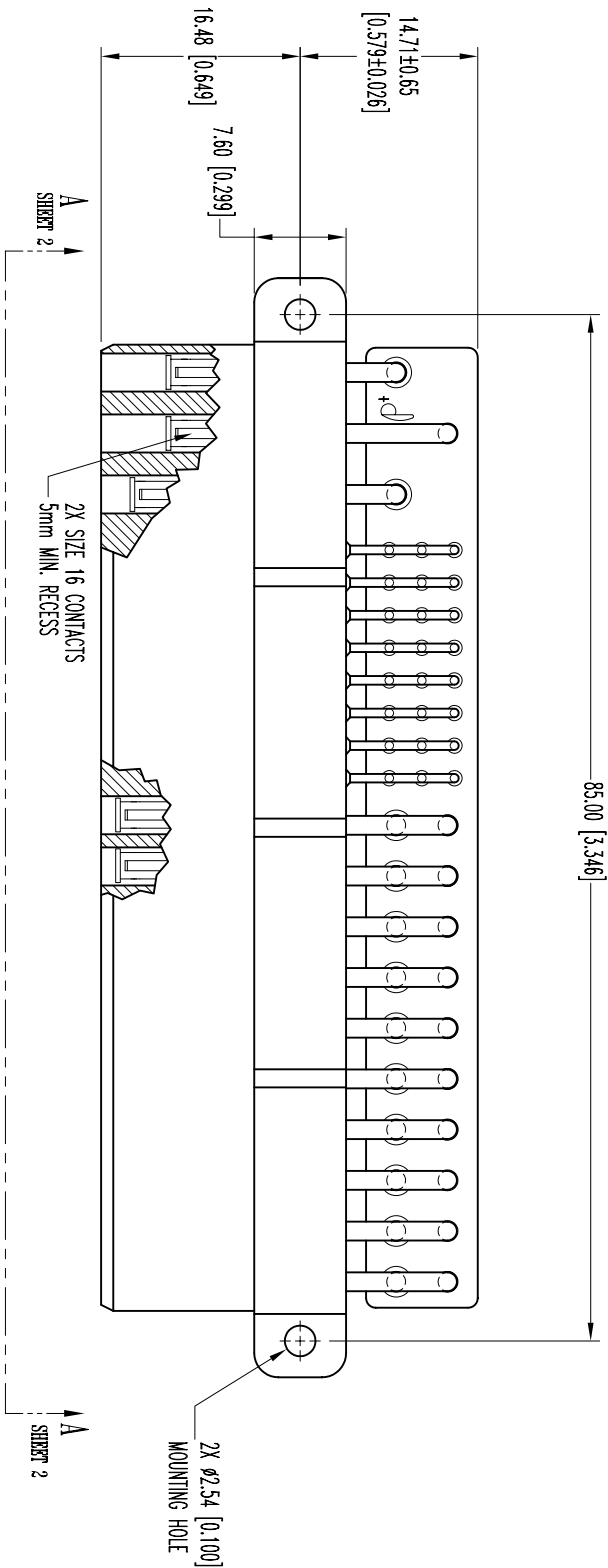


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DATE	REV	REVISION RECORD	APP	DR	CK
11-17-05	NC	ECO 25053		YK	

SK6737 SHEET 1 OF 2



NOTES:

1. MATERIALS AND FINISHES:

INSULATOR: GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLUE.

SIZE 16 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY, GOLD FLASH OVER NICKEL.

SIZE 22 CONTACTS: PRECISION MACHINED COPPER ALLOY, WITH GOLD FLASH OVER NICKEL.

ALIGNMENT BAR: GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLUE

2. ELECTRICAL CHARACTERISTICS:

CONTACT CURRENT RATING:

SIZE 16 POWER CONTACTS:

POSITIONS 45, 46 AND 47: 40 AMPERES CONTINUOUS,

ALL CONTACTS UNDER LOAD.

POSITIONS 1-20: 28 AMPERES CONTINUOUS,

ALL CONTACTS UNDER LOAD.

SIZE 22 SIGNAL CONTACTS: 3 AMPERES NOMINAL.

INITIAL CONTACT RESISTANCE: MAXIMUM:

SIZE 16 CONTACT: 0.0007 OHMS MAXIMUM.

SIZE 22 CONTACT: 0.004 OHMS MAXIMUM.

PER IEC 512-2, TEST 2b.

INSULATOR RESISTANCE: 5 G OHMS PER IEC 512-2, TEST 3a.

VOLTAGE PROOF:

CONTACTS: 45, 46 AND 47: 3,000 V r.m.s.

CONTACTS: 1 THROUGH 20: 1,500 V r.m.s.

CONTACTS: 21 THROUGH 44: 1,000 V r.m.s.

CREEPAGE AND CLEARANCE DISTANCE: MINIMUM:

CONTACT 47 TO CONTACT 45: 3.2 [0.126]

CONTACT 46 TO CONTACT 45: 3.2 [0.126]

CONTACT 47 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 46 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 47 TO CONTACT 46: 2.5 [0.098]

CONTACT 45 TO SIGNAL CONTACTS: 2.0 [0.079]

3. WORKING TEMPERATURE: -55°C TO +125°C.

4. CONNECTORS ARE ROHS COMPLIANT PER ROHS DIRECTIVE 2002/95/EC OF 27 JAN 2003.

5. DIMENSIONS ARE IN MILLIMETERS [INCHES].



**POSITRONIC
INDUSTRIES INC.**
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DECIMAL TOL.
±0.38 [0.015]

PCI SERIES

SCALE
N.T.S.

DRAWN BY
YK

APPROVED BY

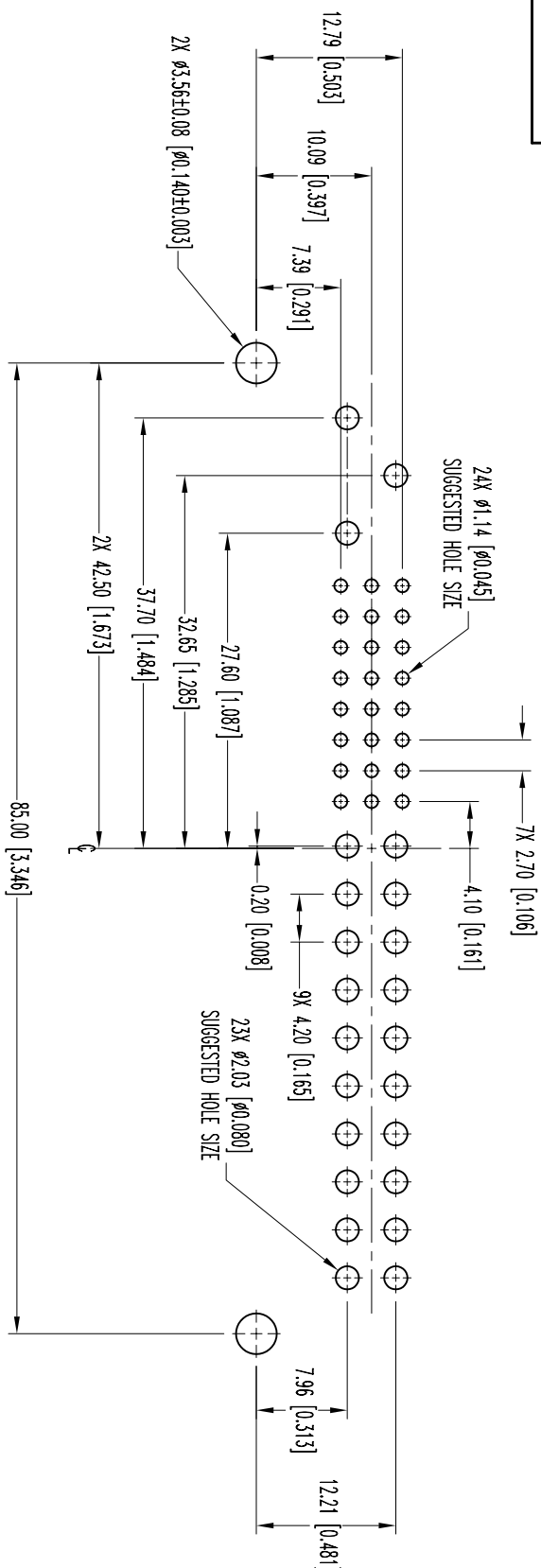
ANGULAR TOL.
±3°

DATE
11-17-05

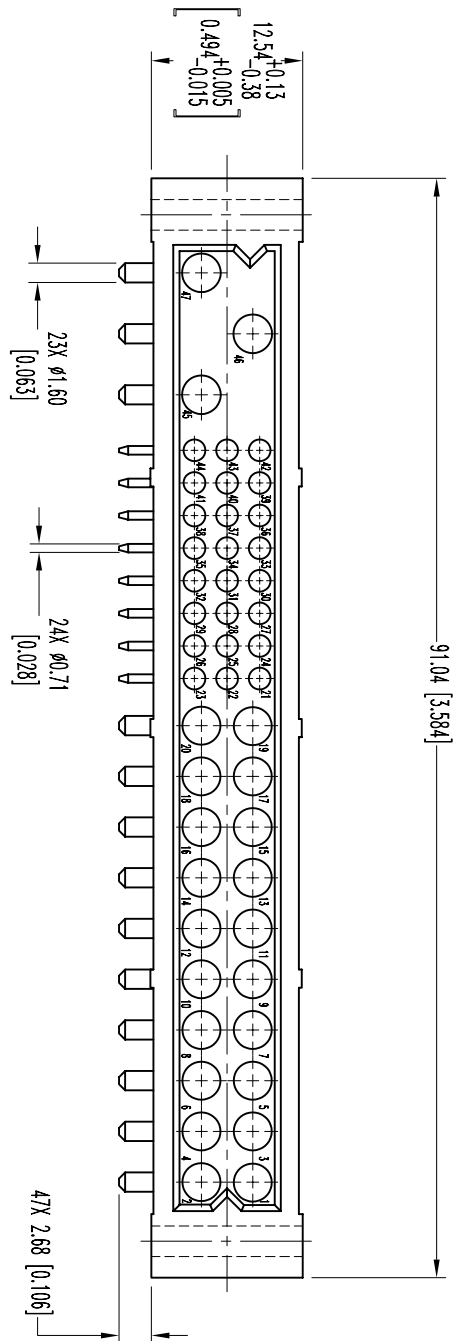
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SK6737

SHEET 1 OF 2

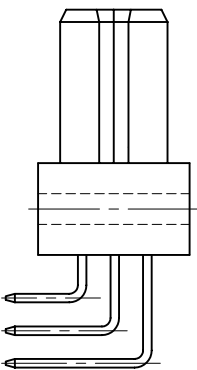
REV.
NC



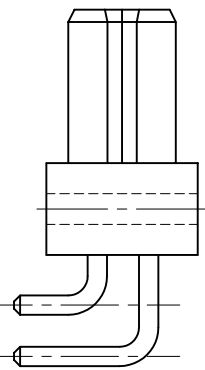
PRINTED BOARD CONTACT HOLE PATTERN



VIEW A-A



SIZE 22 CONTACTS



SIZE 16 CONTACTS