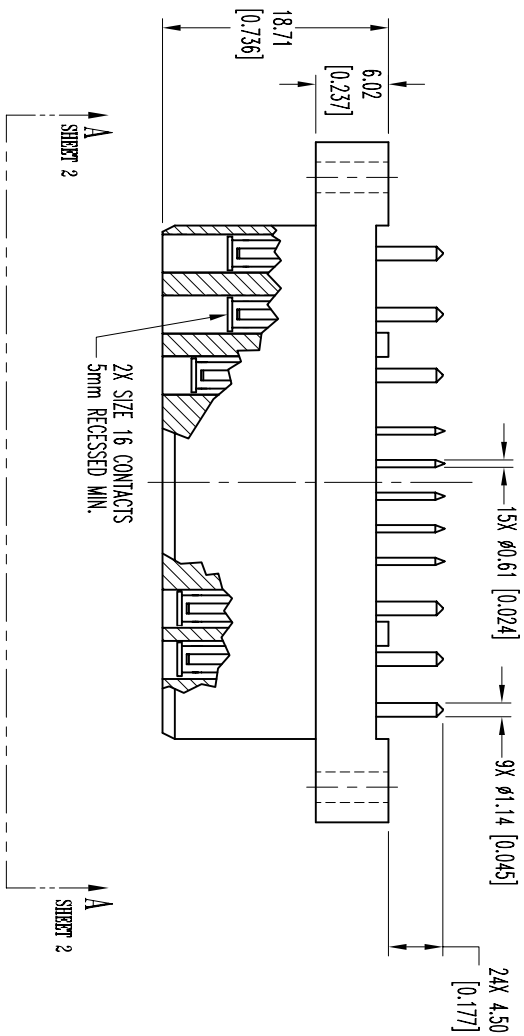
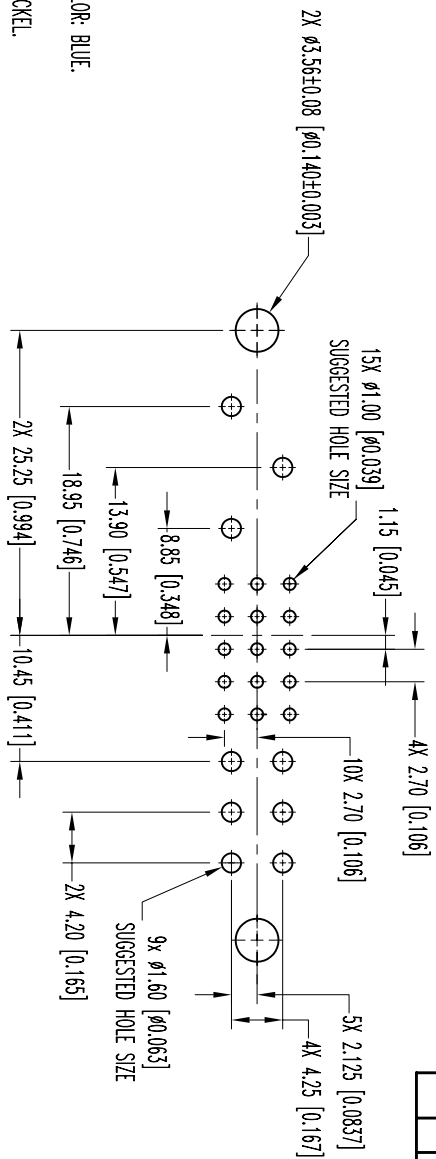


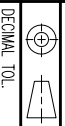
DATE	REV	REVISION RECORD	APP	DR	CK
5-30-06	NC	ECO 26016		ME	



- NOTES:
- MATERIALS AND FINISHES:
INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED
COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
 - ELECTRICAL CHARACTERISTICS:
CONTACT CURRENT RATING PER UL 1977:
SIZE 16 POWER CONTACTS:
POSITIONS 22, 23 AND 24: 45 AMPERES CONTINUOUS,
ALL CONTACTS UNDER LOAD.
POSITIONS 1-6: 35 AMPERES CONTINUOUS,
ALL CONTACTS UNDER LOAD.
SIZE 22 SIGNAL CONTACTS: 3 AMPERES NOMINAL RATING.
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: 22, 23 AND 24: 3,000 V r.m.s.
CONTACTS: 1 THROUGH 6: 1,500 V r.m.s.
CONTACTS: 7 THROUGH 21: 1,000 V r.m.s.
CREEPAGE AND CLEARANCE
DISTANCE: MINIMUM:
CONTACT 24 TO CONTACT 22: 3.2 [0.126]
CONTACT 23 TO CONTACT 22: 3.2 [0.126]
CONTACT 24 TO SIGNAL CONTACTS: 6.4 [0.252]
CONTACT 23 TO SIGNAL CONTACTS: 6.4 [0.252]
CONTACT 24 TO CONTACT 23: 2.5 [0.098]
CONTACT 22 TO SIGNAL CONTACTS: 2.0 [0.079]
WORKING VOLTAGE:
CONTACTS: 22, 23 AND 24: 1,000 V r.m.s.
CONTACTS: 1 THROUGH 6: 500 V r.m.s.
CONTACTS: 7 THROUGH 21: 333 V r.m.s.
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]

ANGULAR TOL.
± 5°

PC1 SERIES

SCALE
N.T.S.

DRAWN BY
M. ENEA

TITLE

PCIB24W9F300A1/AA

DATE

5-30-06

DRAWING NUMBER

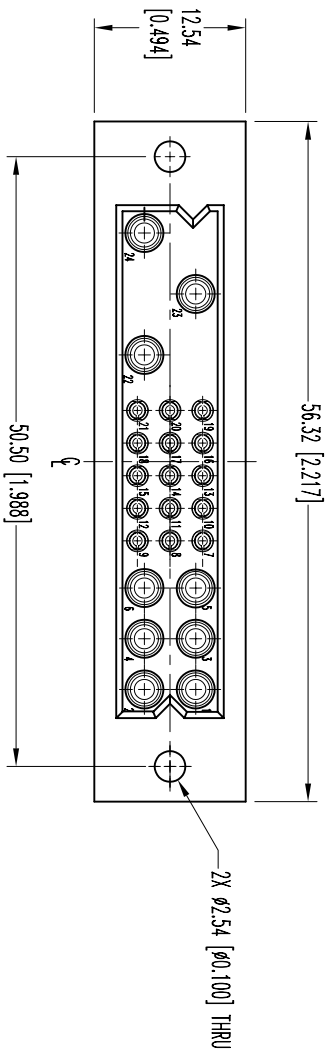
SK7489

SHEET 1 OF 2

REV.

NC

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VIEW A-A