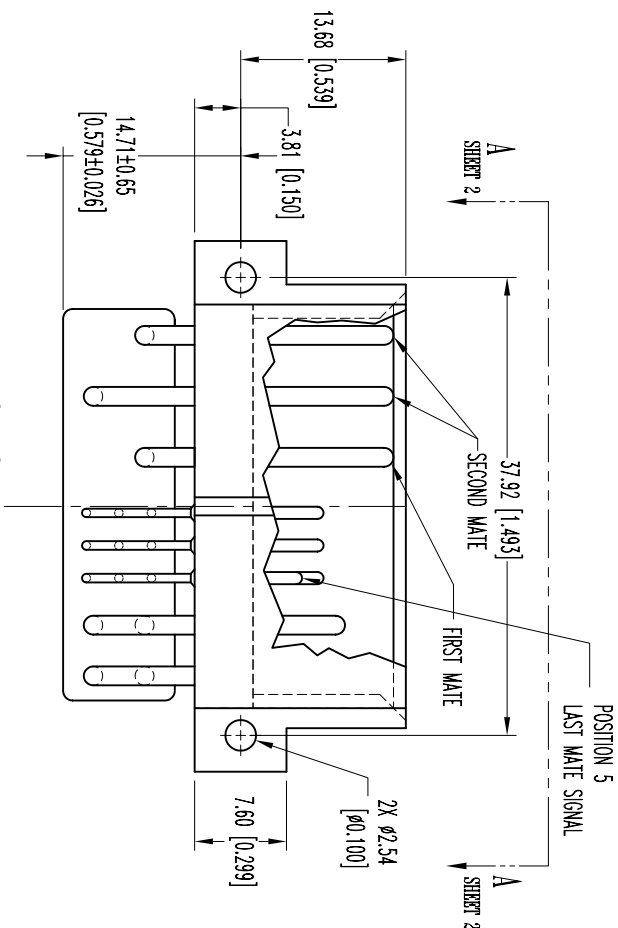


POSTRONIC INDUSTRIES BELIEVES THE DATA ON THIS DRAWING TO BE RELIABLE SINCE THE TECHNICAL INFORMATION IS GIVEN FREE OF CHARGE. THE USER EMPLOYS SUCH INFORMATION AT HIS OWN DISCRETION. POSTRONIC INDUSTRIES ASSUMES NO LIABILITY OR RESPONSIBILITY FOR RESULTS OBTAINED OR DAMAGES INCURRED FROM USE OF SUCH INFORMATION IN WHOLE OR IN PART.

DATE/REV	REVISION RECORD	APP	DR	CK
12-19-05	NC	ECO	25208	YK

SK60835

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 WITH GOLD FLASH OVER NICKEL.
SIZE 22 CONTACTS: PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
ALIGNMENT BAR: GLASS-FILLED POLYESTER, COLOR: BLUE.

2. ELECTRICAL CHARACTERISTICS:

CONTACT CURRENT RATING:
SIZE 16 POWER CONTACTS:

POSITIONS 14, 15 AND 16: 40 AMPERES CONTINUOUS,
ALL CONTACTS UNDER LOAD.

POSITIONS 1-14: 28 AMPERES CONTINUOUS,
ALL CONTACTS UNDER LOAD.

SIZE 22 SIGNAL CONTACTS: 3 AMPERES NOMINAL.
INITIAL CONTACT RESISTANCE:

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: 14, 15 AND 16: 3,000 V r.m.s.
CONTACTS: 1 THROUGH 4: 1,500 V r.m.s.
CONTACTS: 5 THROUGH 13: 1,000 V r.m.s.

CREEPAGE AND CLEARANCE

DISTANCE, MINIMUM:

CONTACT 16 TO CONTACT 14: 3.2 [0.126]
CONTACT 15 TO CONTACT 14: 3.2 [0.126]
CONTACT 16 TO SIGNAL CONTACTS: 6.4 [0.252]
CONTACT 15 TO SIGNAL CONTACTS: 6.4 [0.252]
CONTACT 16 TO CONTACT 15: 2.5 [0.098]
CONTACT 14 TO SIGNAL CONTACTS: 2.0 [0.079]

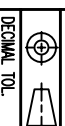
3. WORKING TEMPERATURE: -55°C TO +125°C.

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

5. DIMENSIONS ARE IN MILLIMETERS [INCHES].



POSITRONIC INDUSTRIES INC.
www.connectpositronic.com



DECIMAL TOL.
± 0.38 [0.015]

PCI SERIES

SCALE
N.T.S.

DRAWN BY
YK

REV.

TITLE

PCIC16W7M400A1/AA

DATE

12-19-05

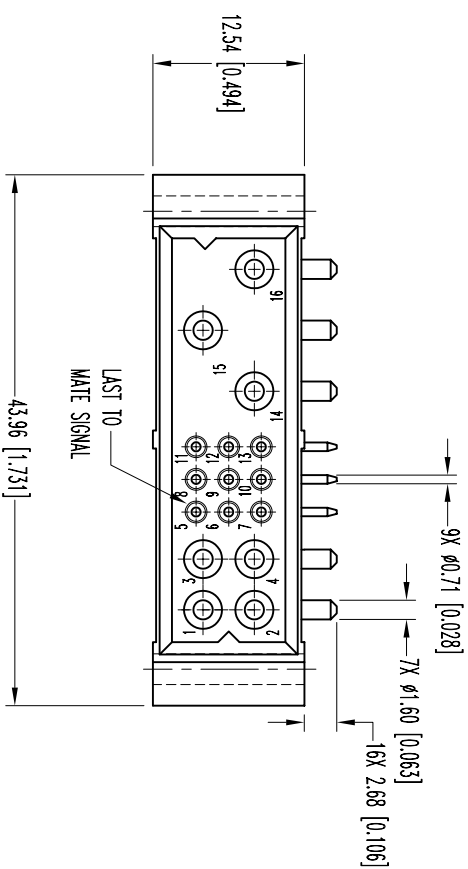
DRAWING NUMBER

SK60835

SHEET 1 OF 2

NC

POSTROMIC INDUSTRIES BELIEVES THE DATA ON THIS DRAWING TO BE RELIABLE SINCE THE TECHNICAL INFORMATION IS GIVEN FREE OF CHARGE. THE USER EMPLOYS SUCH INFORMATION AT HIS OWN DISCRETION. POSTROMIC INDUSTRIES ASSUMES NO LIABILITY OR RESPONSIBILITY FOR RESULTS OBTAINED OR DAMAGES INCURRED FROM USE OF SUCH INFORMATION IN WHOLE OR IN PART.



VIEW A-A