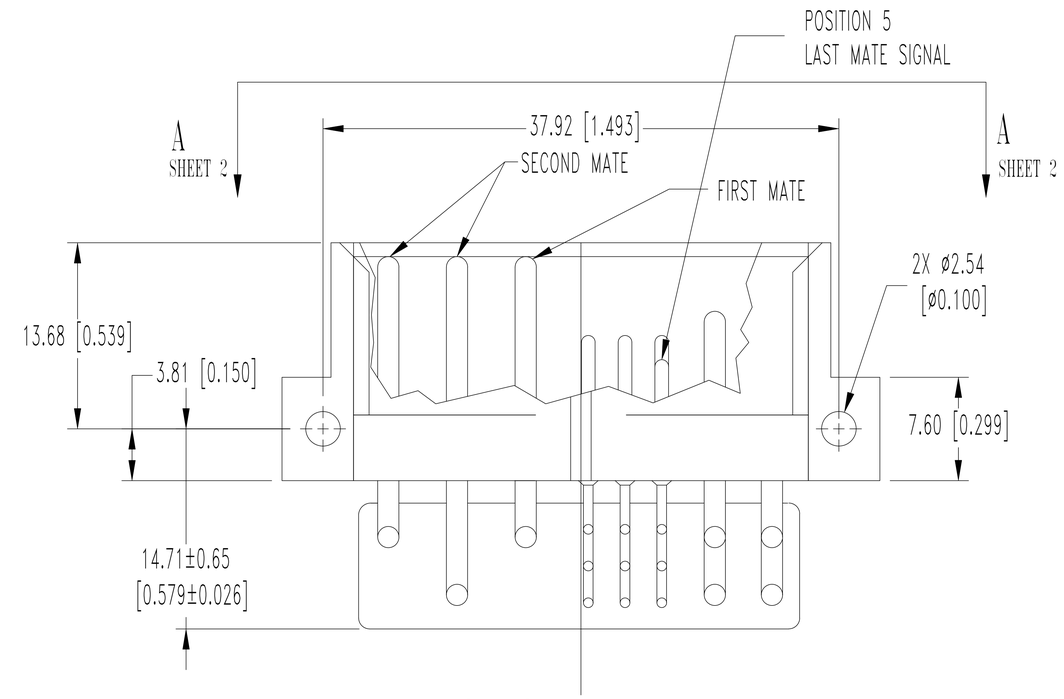
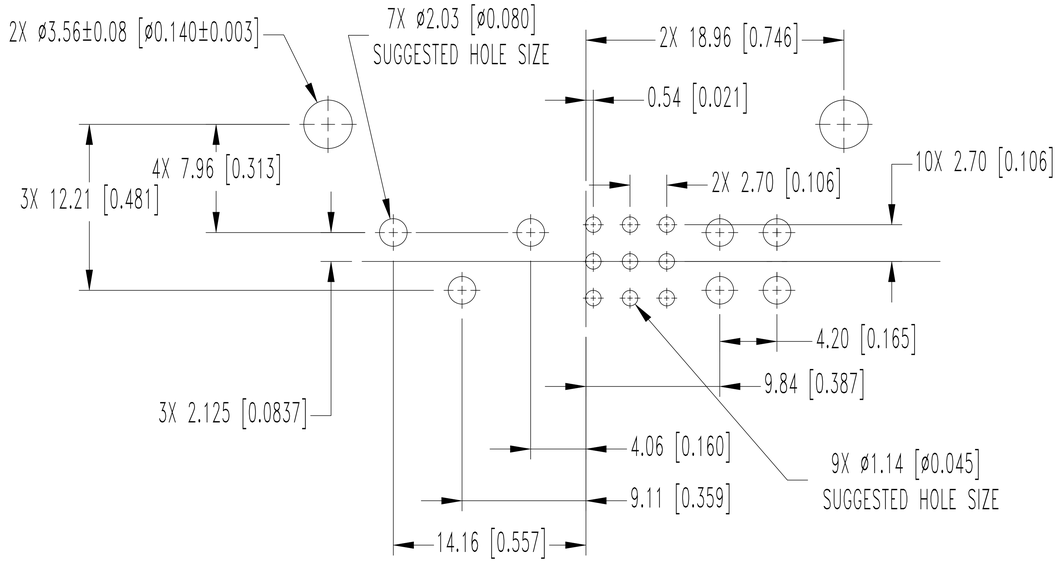
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DATE	REV	REVISION RECORD	APP	DR	CK
06-06 01	NC	ECO 17857	RCW	TK	COLE
9-5 01	A	ECO 18263		ME	





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.
2. ELECTRICAL CHARACTERISTICS:
   CONTACT CURRENT RATING:
   SIZE 16 POWER CONTACTS:
   POSITIONS 14, 15 AND 16: 40 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
   POSITIONS 1-4: 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. DIMENSIONS ARE IN MILLIMETERS [INCHES].

POSITRONIC INDUSTRIES INC.
SPRINGFIELD, MISSOURI 65801

DECIMAL TOL. ±0.38 [0.015]
WF # 3962
ANGULAR TOL. ±5°

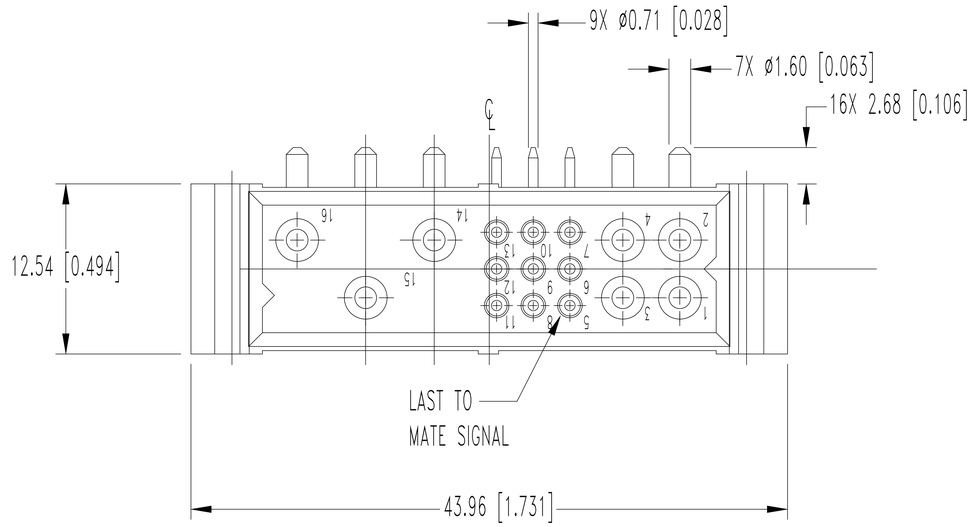
PCI SERIES
SCALE N.T.S.
DRAWN BY T. KEPLEY
APPROVED BY RCW

TITLE
PCIC16W7M400A1

DATE 06-06-01
DRAWING NUMBER SK3782 SHEET 1 OF 2
REV. A

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VIEW A-A

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