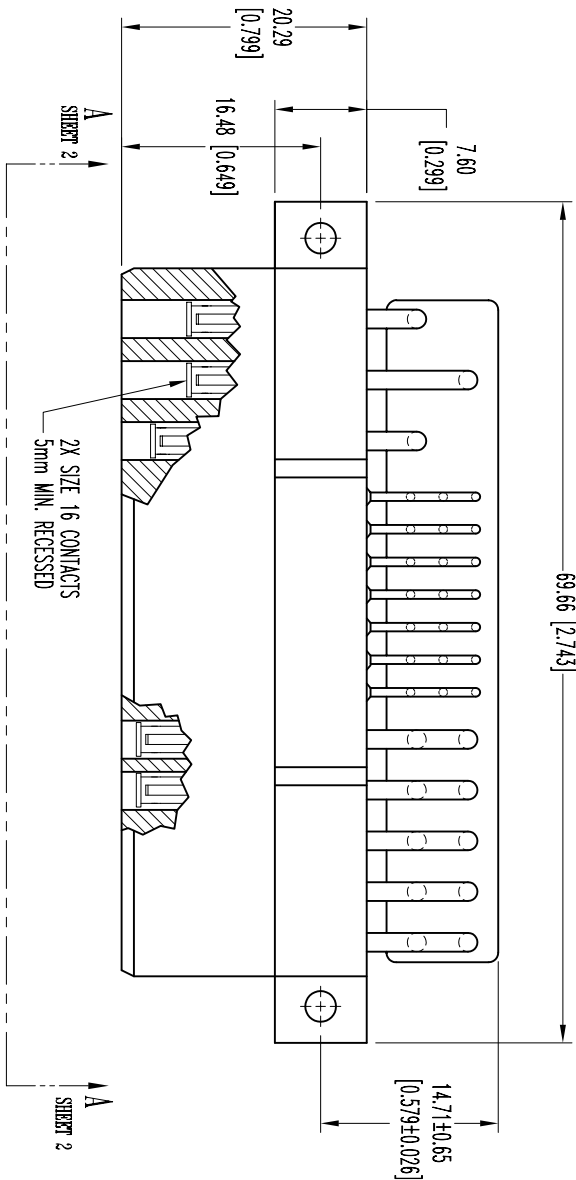
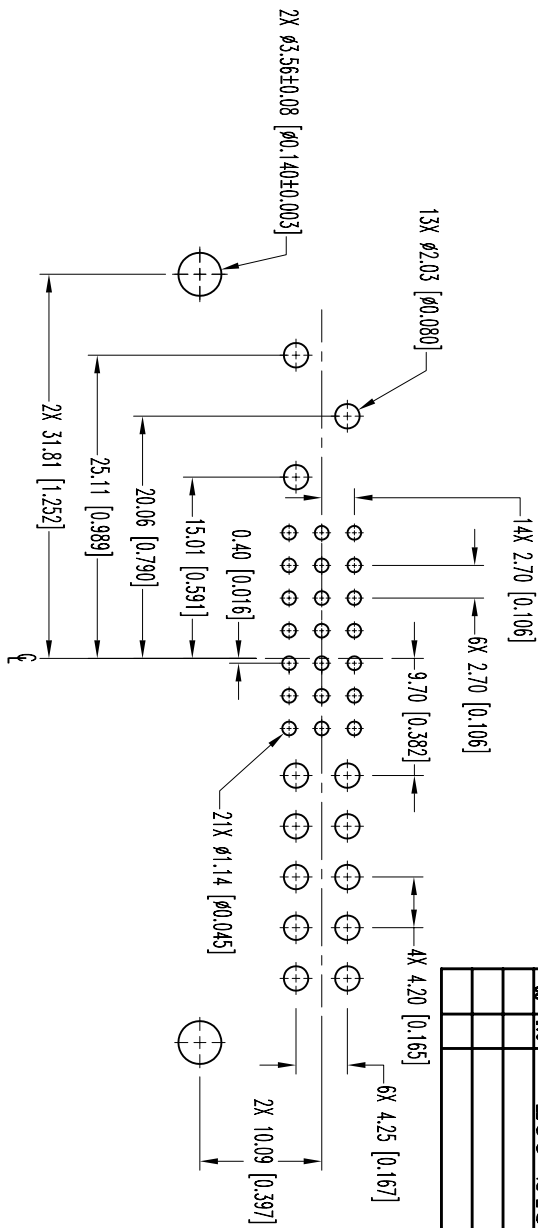


DATE	REV	REVISION RECORD	APP	DR	CK
8-23-05	NC	ECO 24534		YK	



NOTES:
1. MATERIALS AND FINISHES:
INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
ALIGNMENT BAR: 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: HIGH CONDUCTIVITY PRECISION MACHINED COPPER
ALLOY WITH GOLD FLASH OVER NICKEL.

2. ELECTRICAL CHARACTERISTICS:

CONTACT CURRENT RATING:

SIZE 16 CONTACTS: POSITIONS 32, 33, 34 45 AMPERES CONTINUOUS
ALL CONTACTS UNDER LOAD.

POSITIONS 1-10 32 AMPERES CONTINUOUS ALL CONTACTS UNDER LOAD.

SIZE 22 CONTACTS: 3 AMPERES NOMINAL.

INITIAL CONTACT RESISTANCE:

SIZE 16 CONTACTS: 0.0007 OHMS MAX. PER IEC 512-2, TEST 2b.

SIZE 22 CONTACTS: 0.004 OHMS MAX. ER ICE 512-2, TEST 2b.

INSULATION RESISTANCE: 5 G OHMS PER IEC 512-2, TEST 3d, METHOD A.

VOLTAGE PROOF:

CONTACTS 32, 33 AND 34 3,000 V r.m.s.

CONTACTS 1 THROUGH 10: 1,500 V r.m.s.

CONTACTS 11 THROUGH 31: 1,000 V r.m.s.

CREPAGE AND CLEARANCE DISTANCE: MINIMUM:

CONTACT 34 TO CONTACT 32: 3.2 [0.126]

CONTACT 33 TO CONTACT 32: 3.2 [0.126]

CONTACT 34 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 33 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 34 TO CONTACT 33: 2.5 [0.098]

CONTACT 32 TO SIGNAL CONTACTS: 2.0 [0.079]

WORKING TEMPERATURE: -55°C TO +125°C.

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

4. DIMENSIONS ARE IN MILLIMETERS [INCHES].

		POSITRONIC INDUSTRIES INC. www.connectpositronic.com	
	PCI SERIES 13 SIZE 16, 21 SIZE 22	SCALE N.T.S.	DRAWN BY YK
DECIMAL TOL. ± 0.38 [0.015]	TITLE PCIM34W13F400A1/AA	DATE 8-23-05	REV. NC
ANGULAR TOL. ± 3°	DRAWING NUMBER SK6497	SHEET 1 OF 2	REV. NC

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