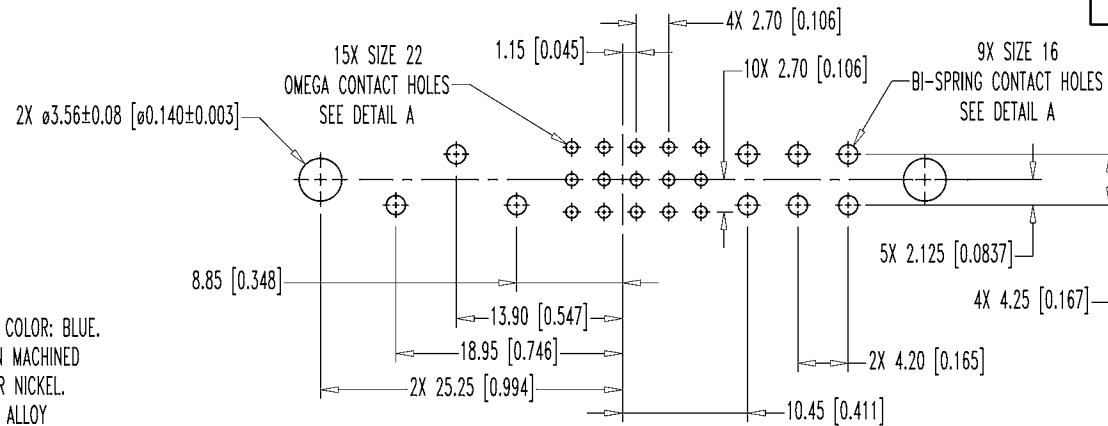


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SK6322

SHEET 1 OF 2

DATE	REV	REVISION RECORD	APP	DR	CK
7-12-05	NC	ECO 24331	RCW	YK	COLE
8-15	A	ECO 24437		TH	



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 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.

INITIAL CONTACT RESISTANCE: PER IEC 512-2, TEST 2b.

SIZE 16 CONTACT: 0.0007 OHMS MAXIMUM.

SIZE 22 CONTACT: 0.004 OHMS MAXIMUM.

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.

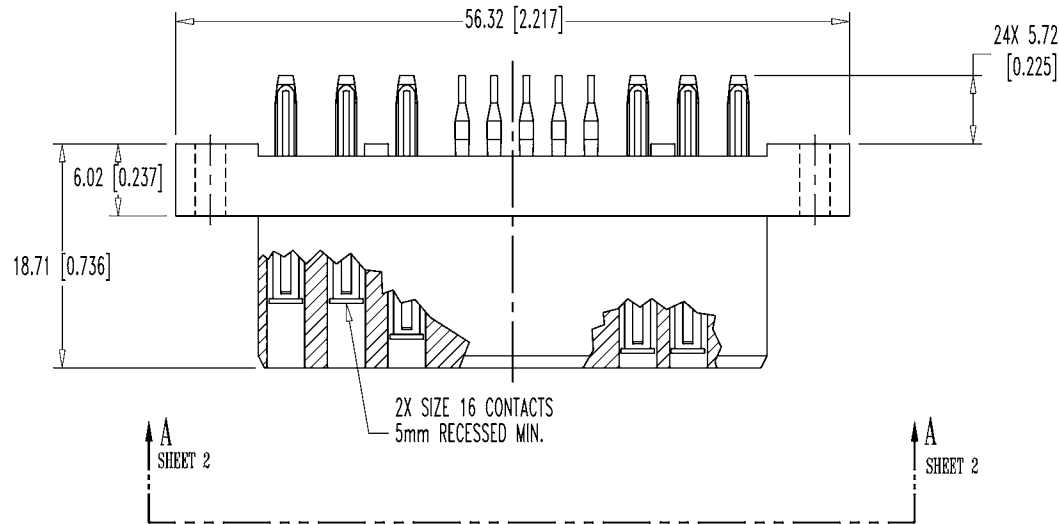
CONTACTS: 1 THROUGH 6: 500 V r.m.s.

CONTACTS: 7 THROUGH 21: 333 V r.m.s.

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

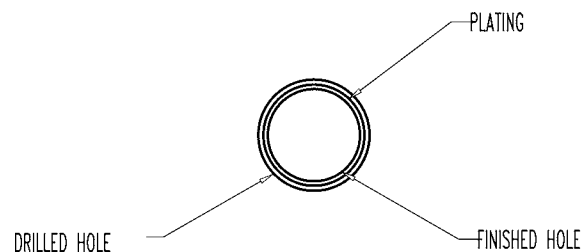
4. CONNECTORS ARE ROHS COMPLIANT PER ROHS DIRECTIVE 2002/95/EC OF 27 JAN 2003.

5. DIMENSIONS ARE IN MILLIMETERS [INCHES].



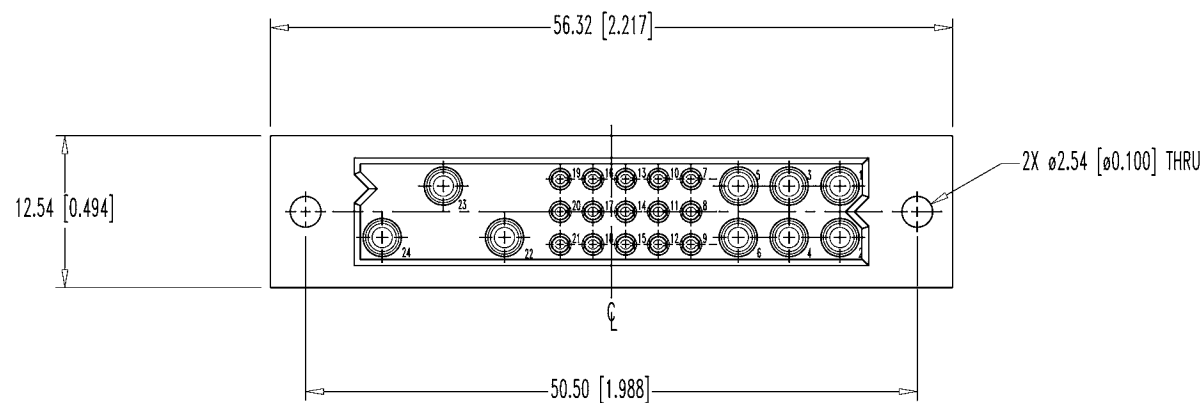
 POSITRONIC INDUSTRIES INC. www.connectpositronic.com		PCI SERIES		SCALE N.T.S.	DRAWN BY YK
DECIMAL TOL. ± 0.38 [0.015]		TITLE PCIB24W9F9300A1/AA			
ANGULAR TOL. ± 5°		DATE 7-12-05	DRAWING NUMBER SK6322	REV. A	

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PRESS FIT CONTACT HOLES SEE SK6370

DETAIL A



VIEW A-A

DRAWING NUMBER

SK6322

SHEET 2 OF 2

REV.

A