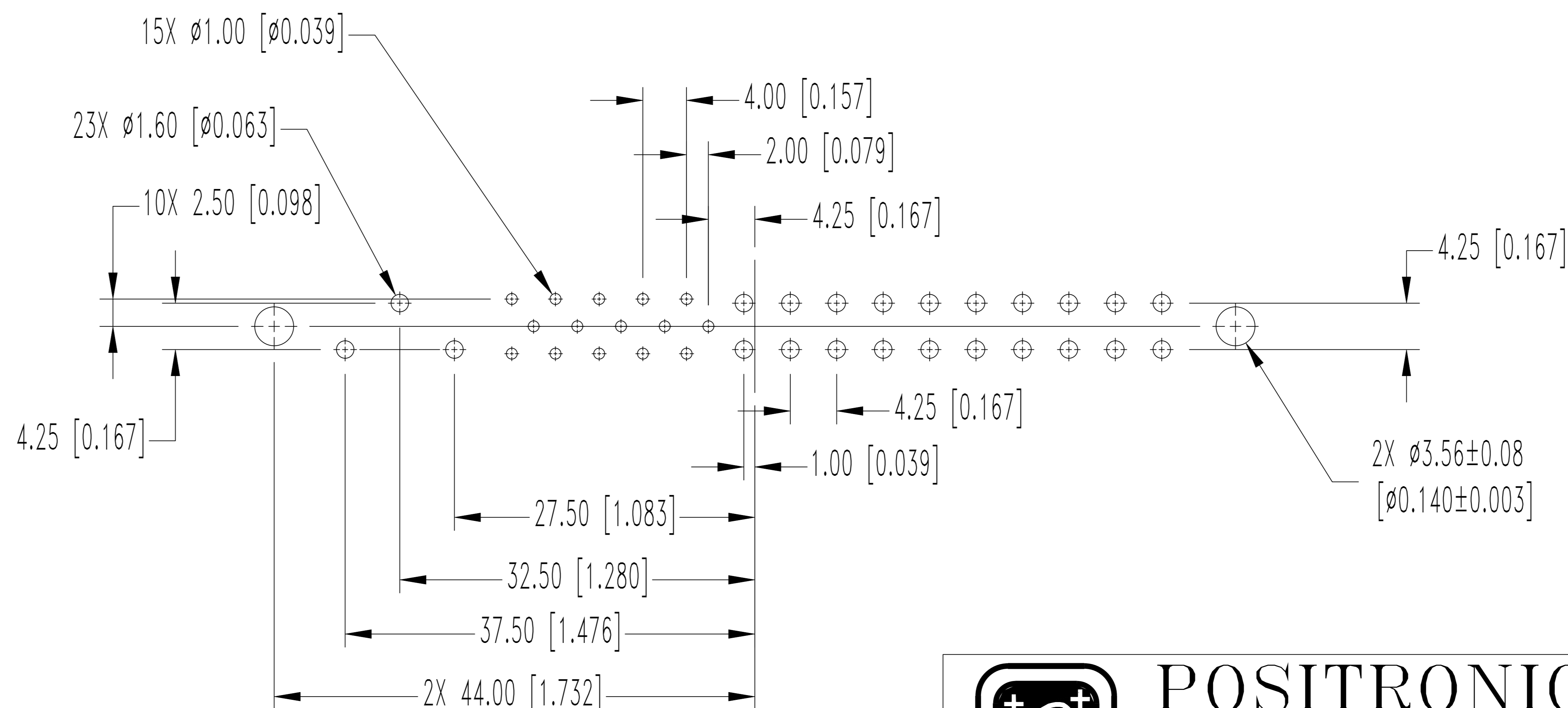
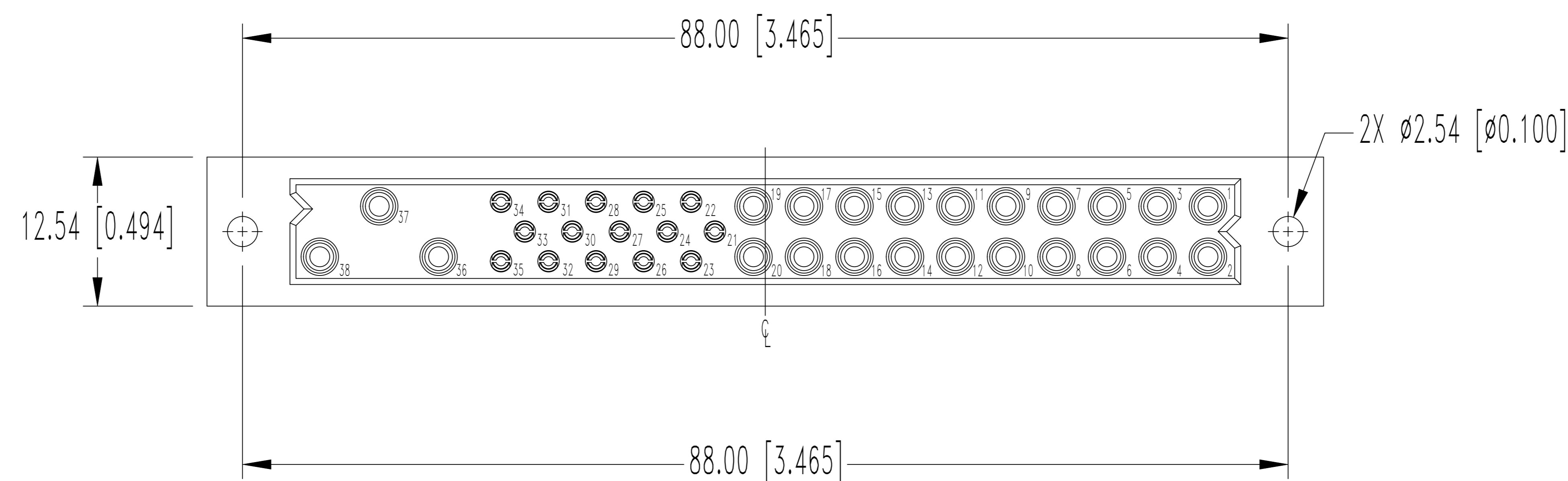
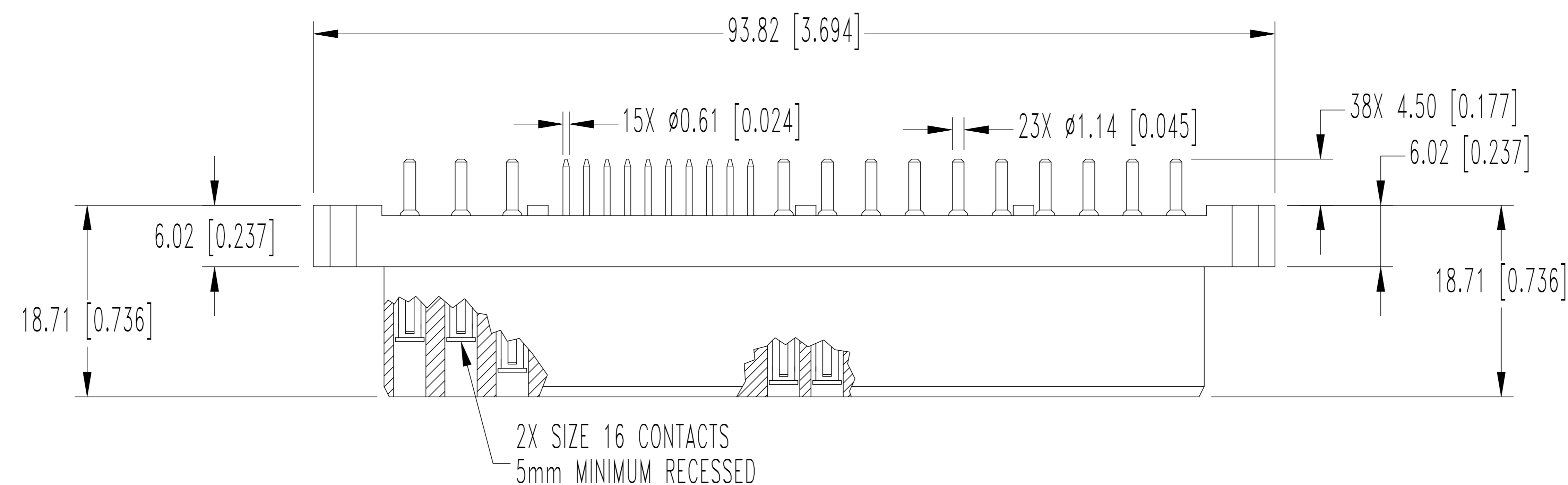


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DATE	REV	REVISION RECORD	APP	DR	CK
10-16-06	NC	ECO 26869		YK	



CONTACT HOLE PATTERN

NOTES:

1. MATERIALS AND FINISHES:

INSULATOR: GLASS FILLED POLYESTER, UL 94V-0, COLOR BLUE.

SIZE 16 CONTACTS: HIGH CONDUCTIVITY COPPER ALLOY WITH GOLD FLASH OVER NICKEL.

SIZE 20 CONTACTS: PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.

2. ELECTRICAL CHARACTERISTICS:

CONTACT CURRENT RATING:

SIZE 16 CONTACTS: POSITIONS 36, 37, 38: 40 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.

POSITIONS 1-20: 28 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.

SIZE 20 CONTACTS: 5 AMPERES NOMINAL.

INITIAL CONTACT RESISTANCE, PER IEC 512-2 TEST 2B.

SIZE 16 CONTACTS: 0.0007 OHMS.

SIZE 20 CONTACTS: 0.004 OHMS

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

CREEPAGE AND CLEARANCE DISTANCE: MINIMUM:

CONTACT 38 TO CONTACT 36: 3.2 [0.126]

CONTACT 37 TO CONTACT 36: 3.2 [0.126]

CONTACT 38 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 37 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 38 TO CONTACT 37 : 2.5 [0.098]

CONTACT 36 TO SIGNAL CONTACTS: 2.0 [0.079]

WORKING VOLTAGE:

CONTACTS 36, 37 AND 38: 1,000 V r.m.s.

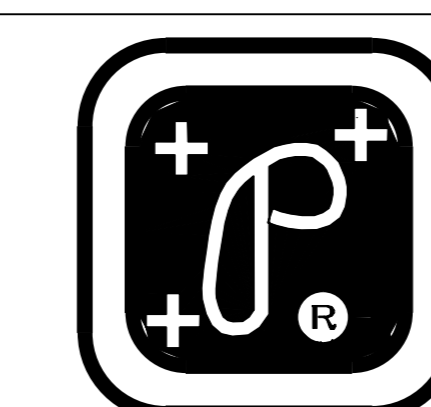
CONTACTS 1 THROUGH 20: 500 V r.m.s.

CONTACTS 21 THROUGH 35: 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.**  
SPRINGFIELD, MISSOURI 65801

DECIMAL TOL. ± 0.38 [0.015]	PCIH SERIES	SCALE N.T.S.	DRAWN BY YK
	TITLE PCIH38F300A1/AA		
ANGULAR TOL. ± 3°	DATE 10-16-06	DRAWING NUMBER SK8063	REV. NC