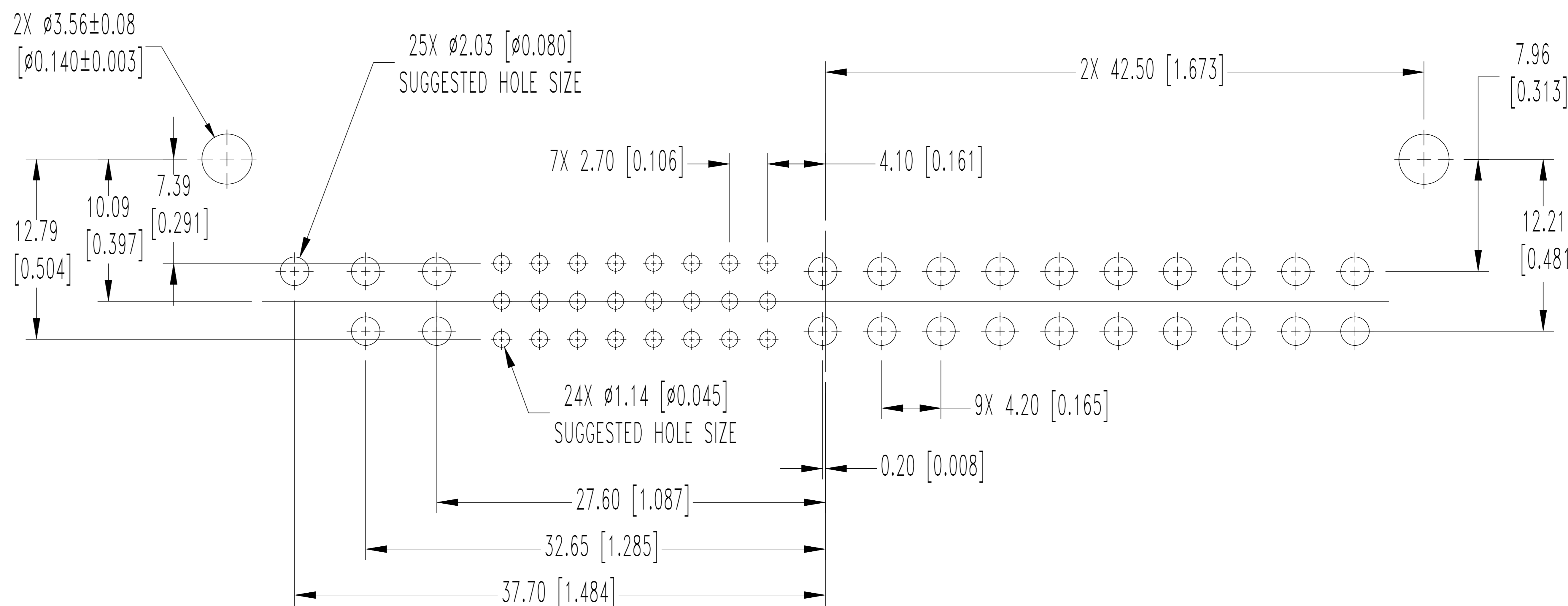
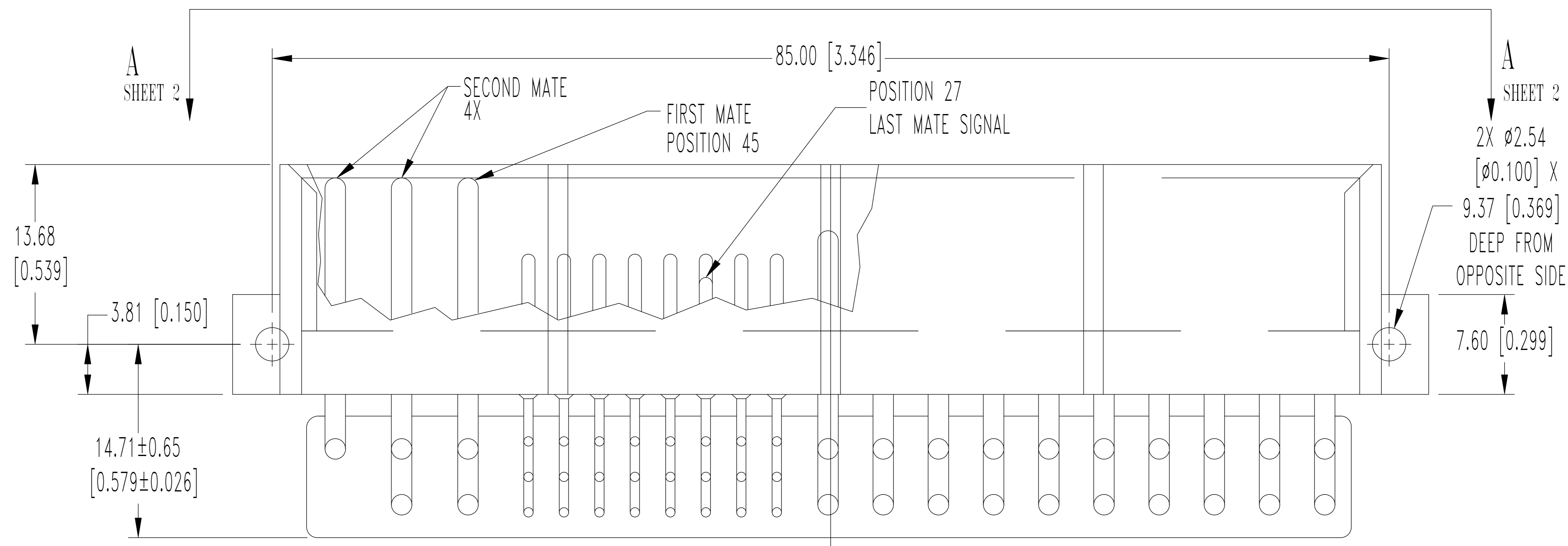


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DATE	REV	REVISION RECORD	APP	DR	CK
7-6-06	NC	ECO 26319		ME	



NOTES:

1. MATERIALS AND FINISHES:

INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.

2. ELECTRICAL CHARACTERISTICS:

CONTACT CURRENT RATING PER UL 1977:
SIZE 16 CONTACTS: 28 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
SIZE 22 CONTACTS: 3 AMPERES NOMINAL RATING.
INITIAL CONTACT RESISTANCE MAXIMUM:
SIZE 16 CONTACTS: 0.0007 OHMS. MAXIMUM.
SIZE 22 CONTACTS: 0.004 OHMS MAX. PER IEC 512-2, TEST 2b.
INSULATION RESISTANCE: 5 G OHMS PER IEC 512-2, TEST 3a.

VOLTAGE PROOF:

CONTACTS 1 THROUGH 20: 1,500 V r.m.s.
CONTACTS 45 THROUGH 49: 1,500 V r.m.s.
CONTACTS 21 THROUGH 44: 1,000 V r.m.s.

WORKING VOLTAGE:

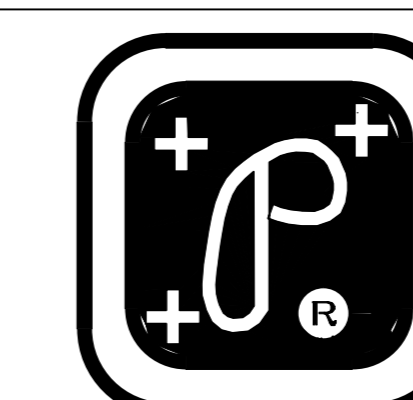
CONTACTS 1 THROUGH 20: 500 V r.m.s.
CONTACTS 45 THROUGH 49: 500 V r.m.s.
CONTACTS 21 THROUGH 44: 333 V r.m.s.

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

4. MOS 378.0 ALLOWS FOR CONTACT POSITIONS 45, 46, 47, 48, 49 TO HAVE A MATING LENGTH OF 12.67 [0.499] MEASURED FROM MOUNTING HOLE TO THE MATING END OF CONTACTS.

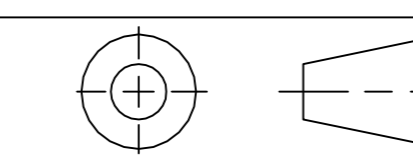
5. CONNECTORS ARE ROHS COMPLIANT PER ROHS DIRECTIVE 2002/95/EC OF 27 JAN. 2003.

6. DIMENSIONS ARE IN MILLIMETERS [INCHES].



POSITRONIC INDUSTRIES INC.

SPRINGFIELD, MISSOURI 65801



DECIMAL TOL.
± 0.38 [0.015]



ANGULAR TOL.
± 3°

PCI SERIES

SCALE
N.T.S.

DRAWN BY
M. ENEA

TITLE
PCIH49W25M400A1/AA-378.0

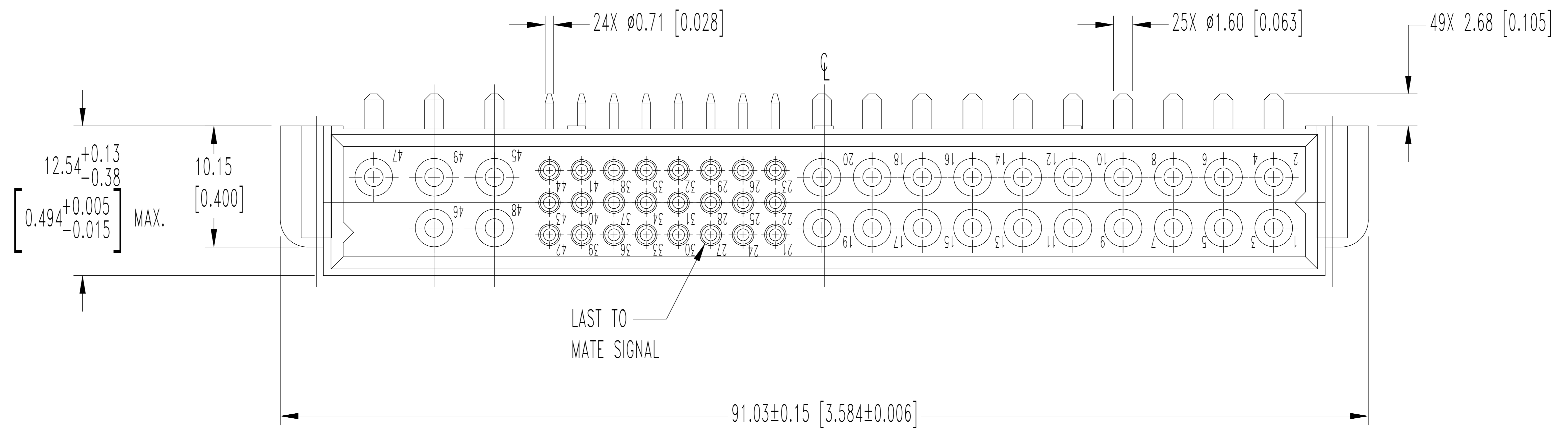
DATE
7-6-06

DRAWING NUMBER
SK7738

SHEET 1 OF 2

REV.
NC

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VIEW A-A