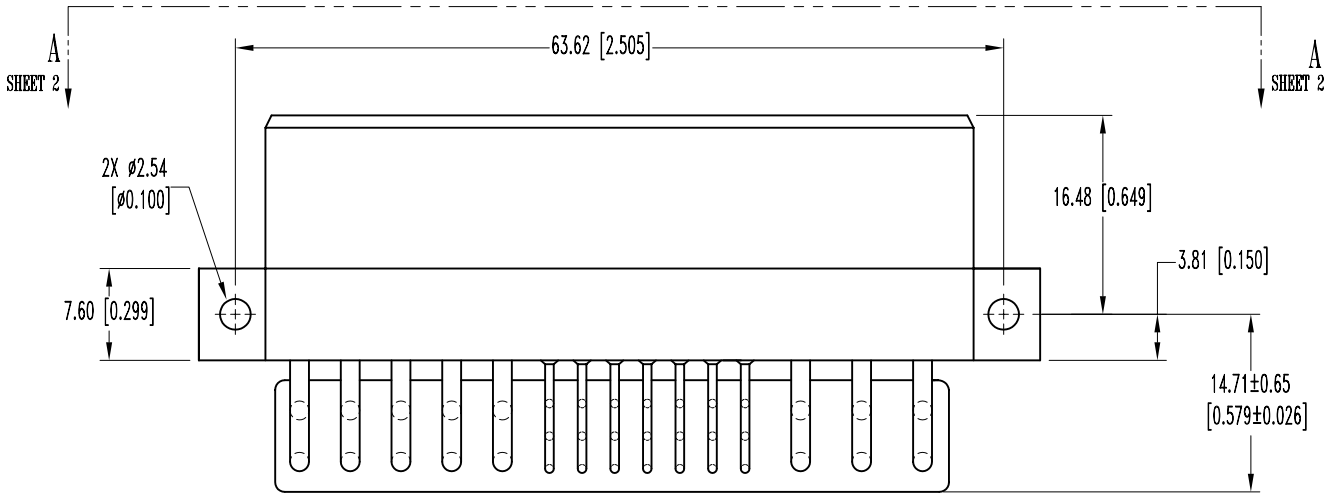
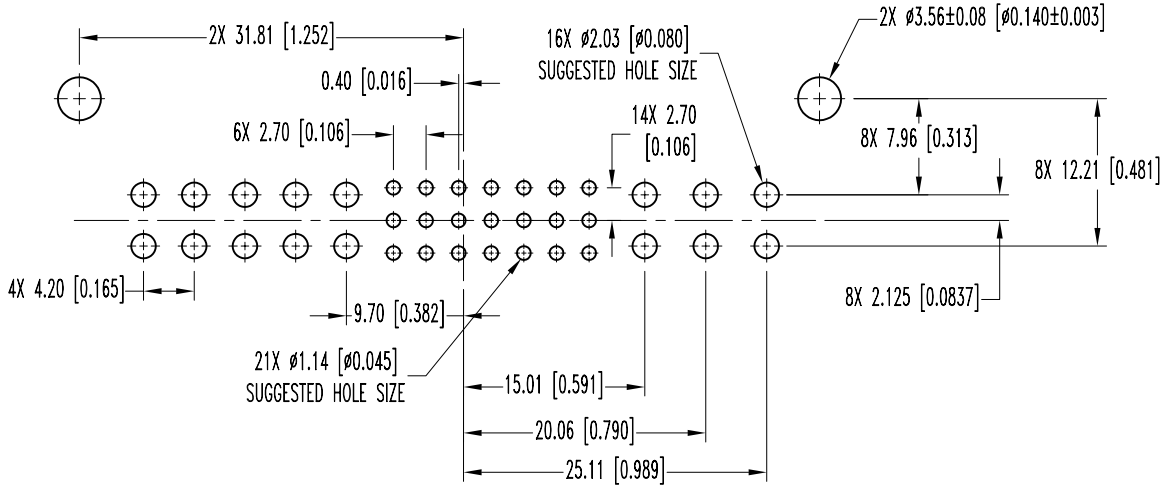
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DATE	REV	REVISION RECORD	APP	DR	CK
9-7 08	NC	ECO 24606		YK	





NOTES:

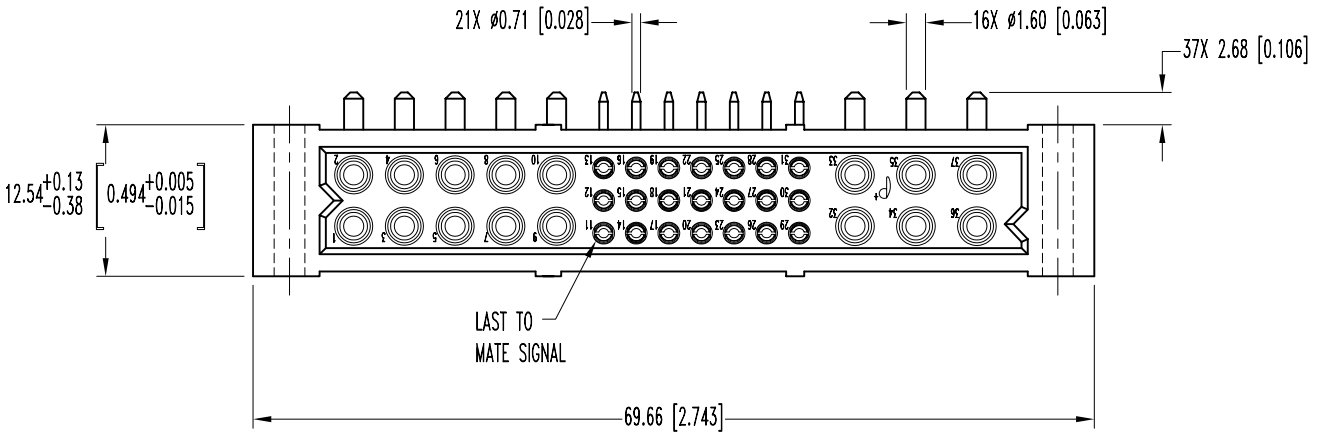
1. MATERIALS AND FINISHES:
   - INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
   - SIZE 16 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
   - SIZE 22 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
   - ALIGNMENT BAR: GLASS FILLED POLYESTER, COLOR: BLUE.
2. ELECTRICAL CHARACTERISTICS:
   - CONTACT CURRENT RATING:
     - SIZE 16 POWER CONTACTS: 30 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.
   - WORKING VOLTAGE:
     - CONTACTS 1 THROUGH 12 AND 32 THROUGH 37: 500 V r.m.s.
     - CONTACTS: 13 THROUGH 31: 333 V r.m.s.
   - CREEPAGE AND CLEARANCE DISTANCE; MINIMUM:
     - CONTACTS 32 TO SIGNAL CONTACTS: 2.0 [0.079].
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

DECIMAL TOL. ±0.38 [0.015]	PCI SERIES	SCALE N.T.S.	DRAWN BY YK / APPROVED BY
	TITLE: PCIM37W16F400A1/AA		
ANGULAR TOL. ±5°	DATE 9-7-05	DRAWING NUMBER SK6544 SHEET 1 OF 2	REV. NC

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VIEW A-A

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SK6544	SHEET 2 OF 2	NC

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