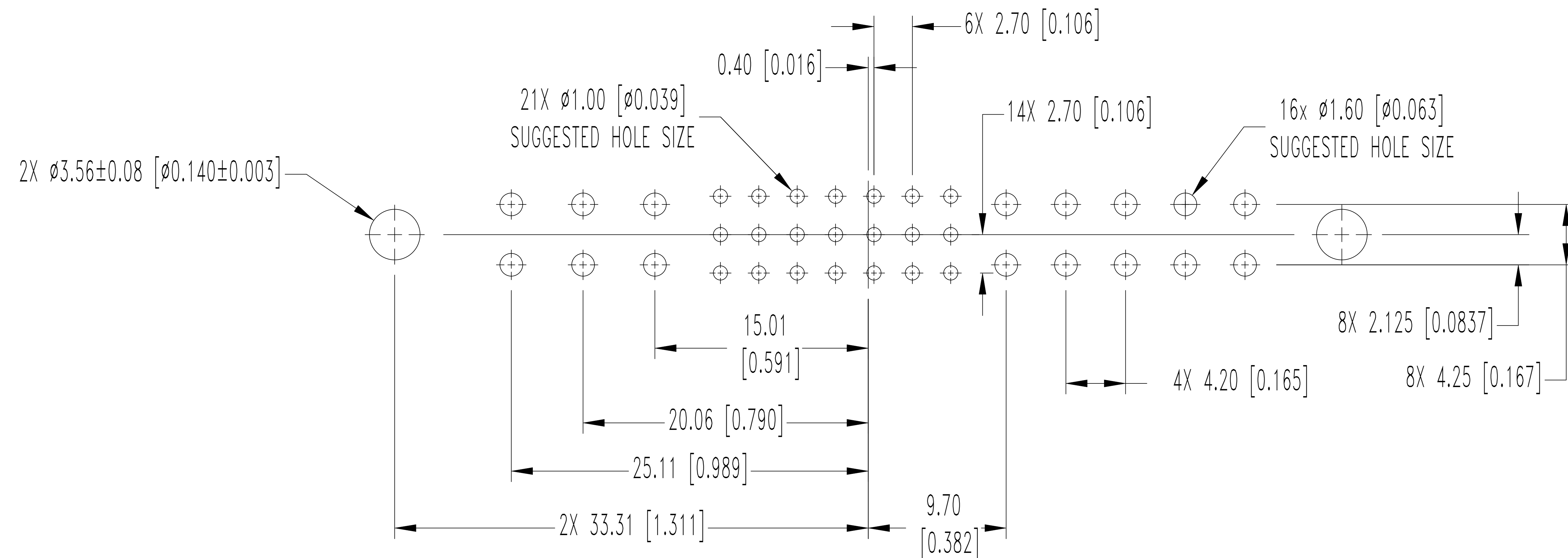


SK6545 SHEET 1 OF 2

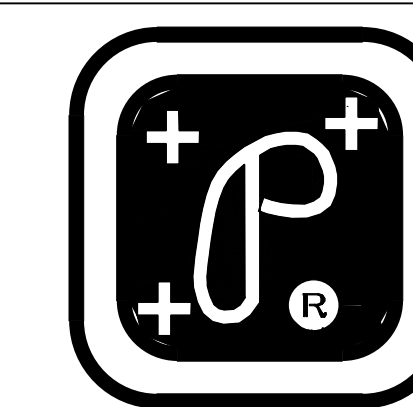
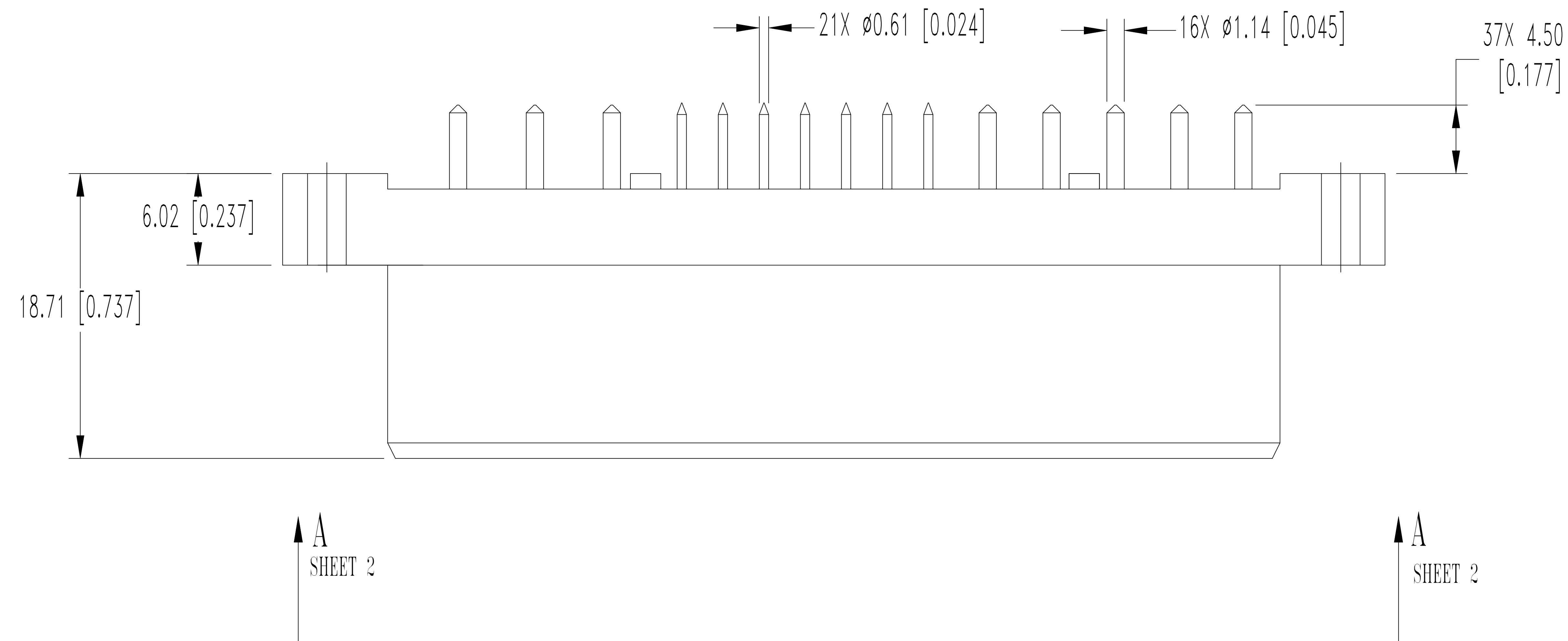
DATE	REV	REVISION RECORD	APP	DR	CK
9-8 05	NC	ECO 24607		YK	

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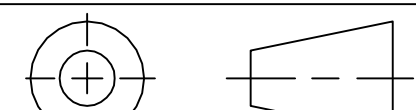


NOTES:

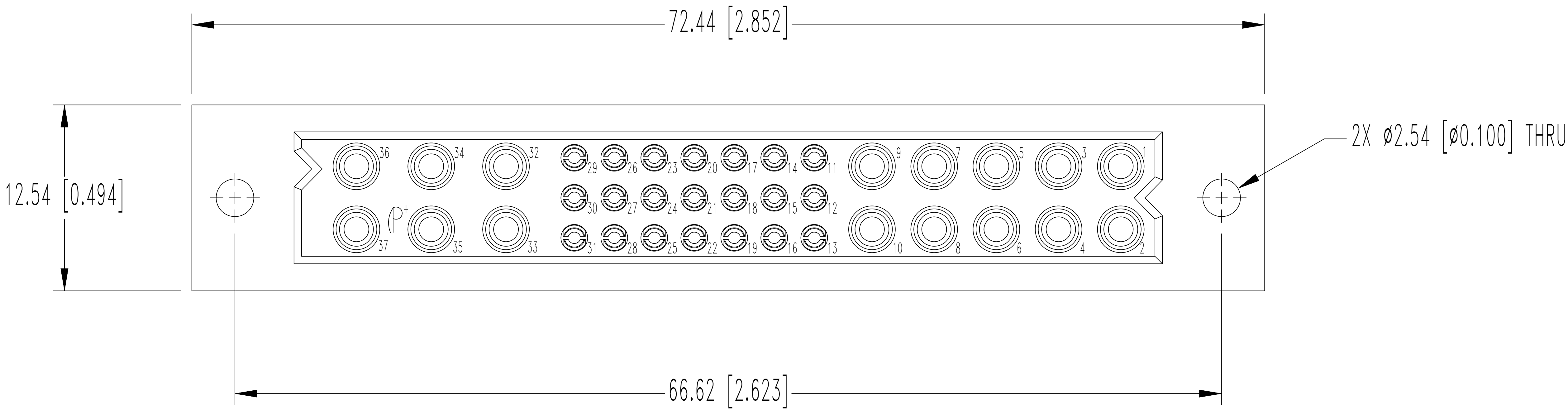
1. MATERIALS AND FINISHES:
 - INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
 - SIZE 16 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED
COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
 - SIZE 22 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED
COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
2. ELECTRICAL 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
5. DIMENSIONS ARE IN MILLIMETERS [INCHES].



POSITRONIC
INDUSTRIES INC.
SPRINGFIELD, MISSOURI 65801

	SCALE N.T.S.		DRAWN BY YK
	DECIMAL TOL. ± 0.38 [0.015]		APPROVED BY
TITLE PCIM37W16F300A1/AA			
ANGULAR TOL. $\pm 5^\circ$	DATE 9-8-05	DRAWING NUMBER SK6545	REV. SHEET 1 OF 2 NC

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VIEW A-A