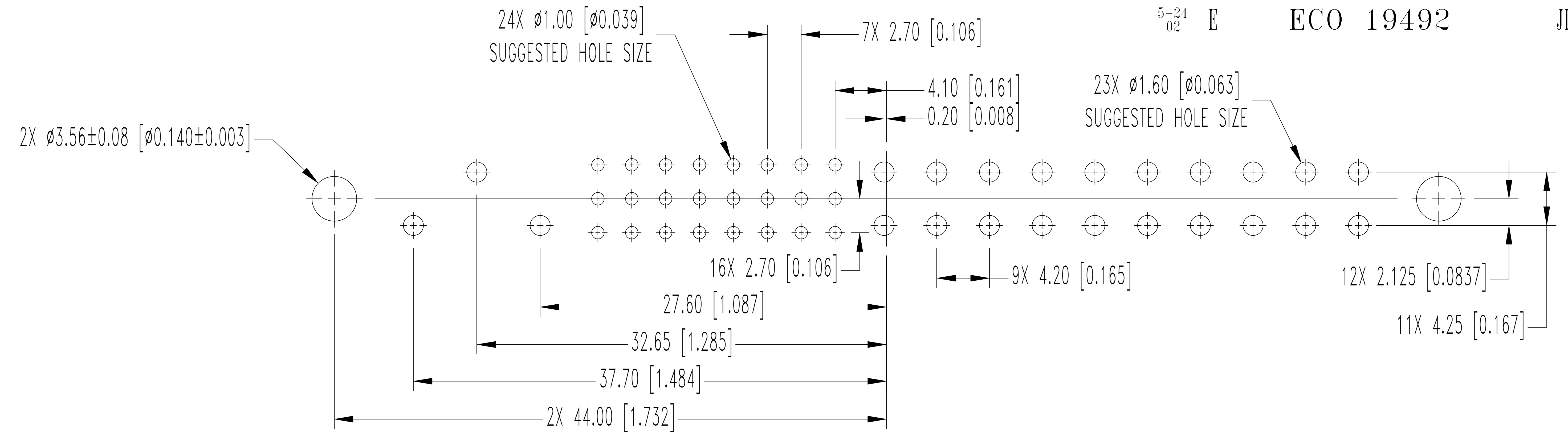


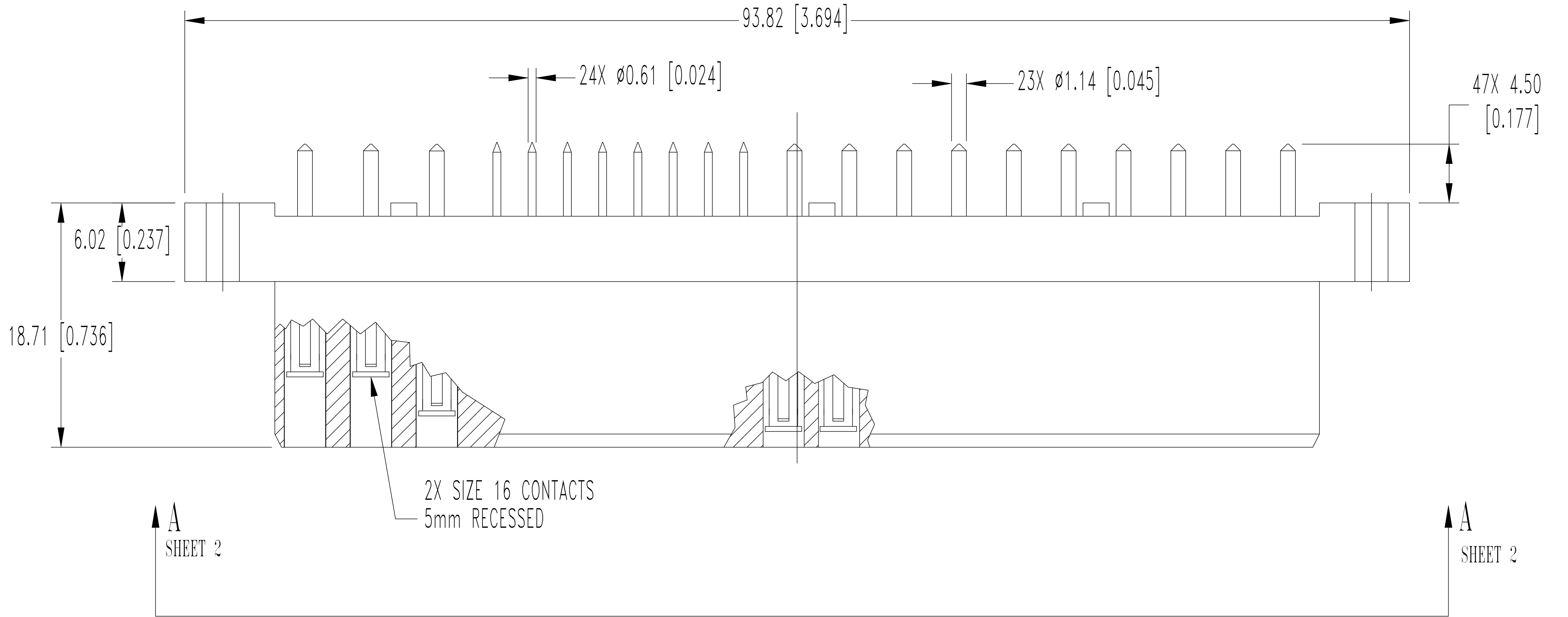
DATE	REV	REVISION RECORD	APP	DR	CK
3-27 01	B	ECO 17502	RCW	TH	TK
7-31 01	C	ECO 18106	RCW	JLG	TK
9-4 01	D	ECO 18256	RCW	ME	TK
5-24 02	E	ECO 19492		JLG	

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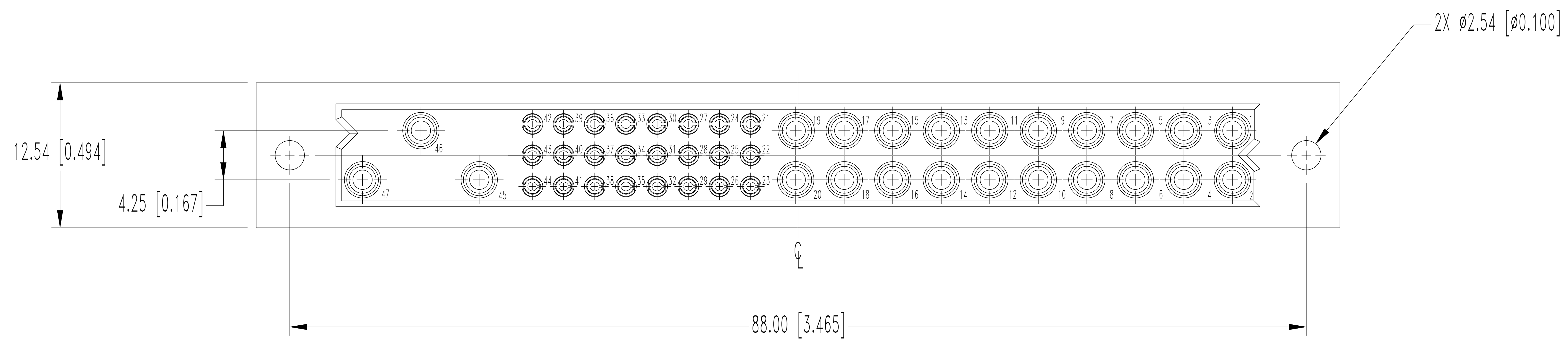
NOTES:

- 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.
- ELECTRICAL CHARACTERISTICS:
 CONTACT CURRENT RATING:
 SIZE 16 POWER CONTACTS:
 POSITIONS 45, 46 AND 47: 40 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
 POSITIONS 1-20: 28 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: 45, 46 AND 47: 3,000 V r.m.s.
 CONTACTS: 1 THROUGH 20: 1,500 V r.m.s.
 CONTACTS: 21 THROUGH 44: 1,000 V r.m.s.
 CREEPAGE AND CLEARANCE DISTANCE; MINIMUM:
 CONTACT 47 TO CONTACT 45: 3.2 [0.126]
 CONTACT 46 TO CONTACT 45: 3.2 [0.126]
 CONTACT 47 TO SIGNAL CONTACTS: 6.4 [0.252]
 CONTACT 46 TO SIGNAL CONTACTS: 6.4 [0.252]
 CONTACT 47 TO CONTACT 46: 2.5 [0.098]
 CONTACT 45 TO SIGNAL CONTACTS: 2.0 [0.079]
- WORKING TEMPERATURE: -55°C TO +125°C.
- DIMENSIONS ARE IN MILLIMETERS [INCHES].



	POSITRONIC INDUSTRIES INC. SPRINGFIELD, MISSOURI 65801		SCALE N.T.S.	DRAWN BY J. GREEN
	DECIMAL TOL. ± 0.38 [0.015]	TITLE PCI SERIES	APPROVED BY T. KEPLEY	
WF # 4561	PCIH47F300A1			
ANGULAR TOL. ± 3°	DATE 11-2-99	DRAWING NUMBER SK3228	SHEET 1 OF 2	REV. E

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VIEW A-A