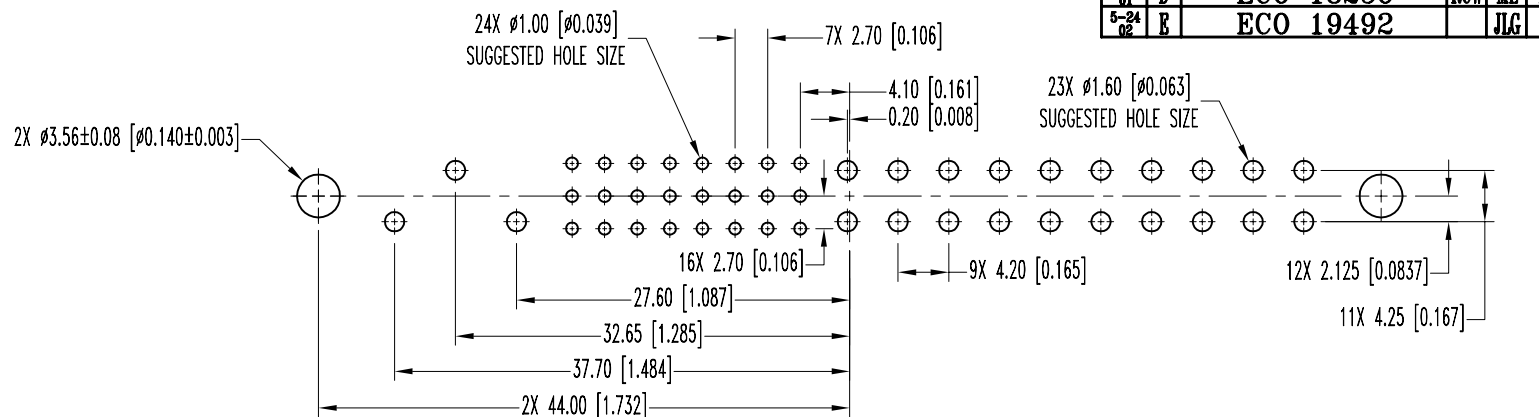


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SK3228 SHEET 1 OF 2

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	



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: PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.

2. 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]

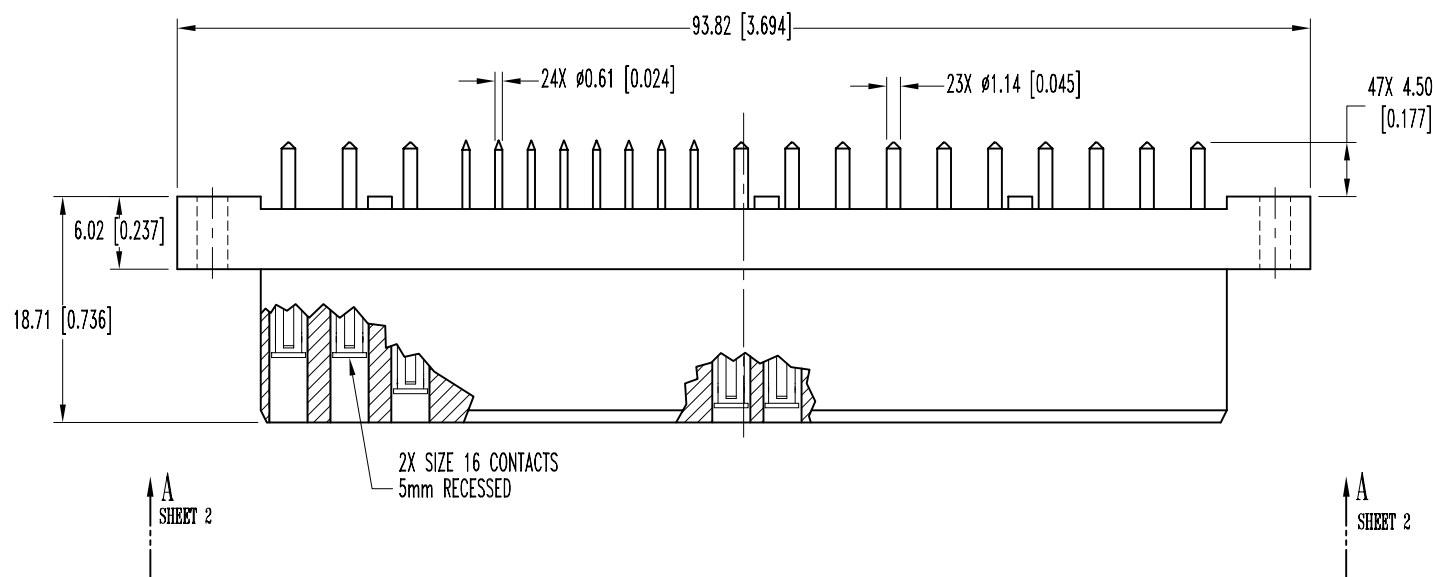
CONTACT 46 TO SIGNAL CONTACTS: 6.4 [0.252]

CONTACT 47 TO CONTACT 46: 2.5 [0.098]

CONTACT 45 TO SIGNAL CONTACTS: 2.0 [0.079]

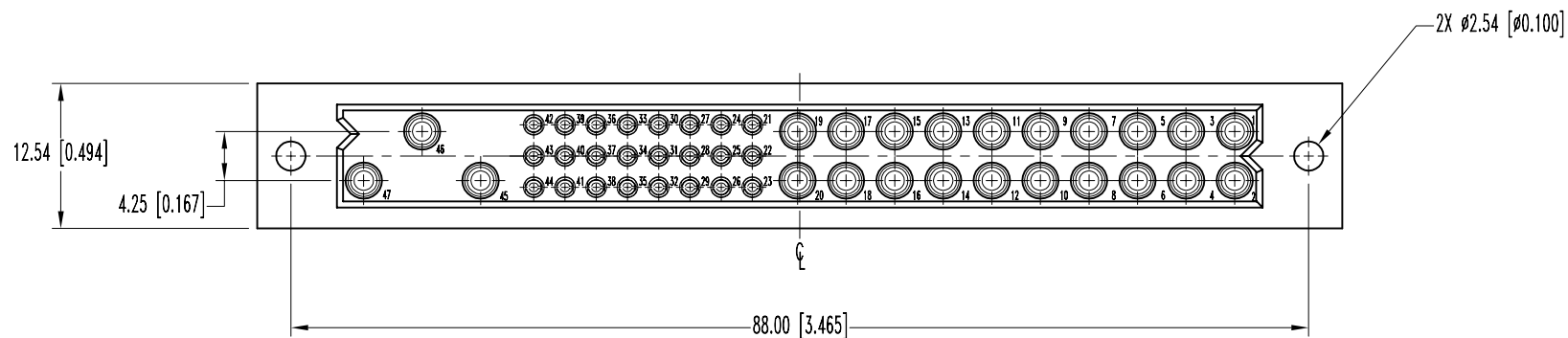
3. WORKING TEMPERATURE: -55°C TO +125°C.

4. DIMENSIONS ARE IN MILLIMETERS [INCHES].



 POSITRONIC INDUSTRIES INC. www.connectpositronic.com		SCALE		DRAWN BY J. GREEN	
		N.T.S.		APPROVED BY T. KEPLEY	
DECIMAL TOL. ± 0.38 [0.015]		TITLE PCIH47F300A1			
WP # 4561		DATE		REV.	
ANGULAR TOL. $\pm 3^\circ$		11-2-99		SK3228	
		DRAWING NUMBER		SHEET 1 OF 2	

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VIEW A-A

DRAWING NUMBER

SK3228

SHEET 2 OF 2

REV.

E