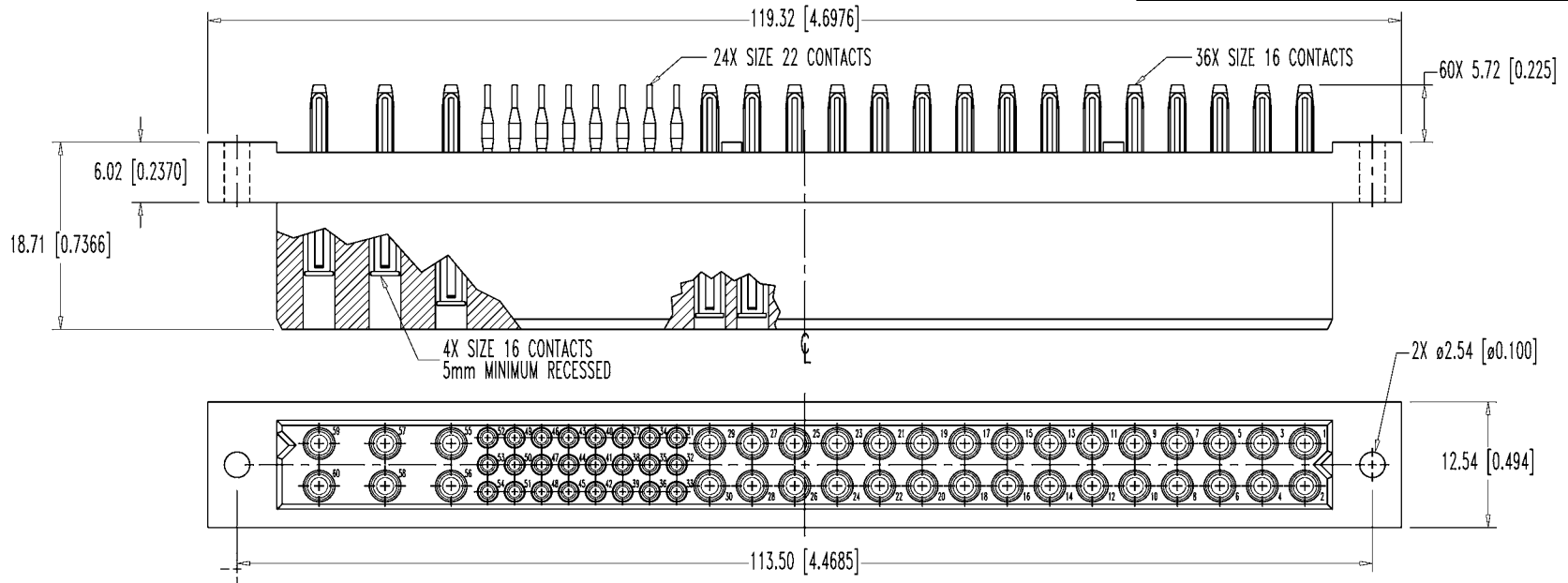


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DATE	REV	REVISION RECORD	APP	DR	CK
8-6 01	D	ECO 18137	RCW	MEG	RCW
8-31 01	E	ECO 18245	RCW	ME	TK
9-28 01	F	ECO 18362	RCW	JLG	COLE
7-29 05	G	ECO 24423		TH	



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:

CREEPAGE AND CLEARANCE DISTANCE; MINIMUM:
 CONTACTS 59 AND 60 TO CONTACTS 55 AND 56: 3.2 [0.126]
 CONTACTS 57 AND 58 TO CONTACTS 55 AND 56: 3.2 [0.126]
 CONTACTS 59 AND 60 TO SIGNAL CONTACTS: 6.4 [0.252].
 CONTACTS 57 AND 58 TO SIGNAL CONTACTS: 6.4 [0.252].
 CONTACTS 59 AND 60 TO CONTACTS 57 AND 58: 2.5 [0.098]
 CONTACTS 55 AND 56 TO SIGNAL CONTACTS: 2.0 [0.079]

CONTACT CURRENT RATING:

SIZE 16 CONTACTS: POSITIONS 55-60: 38 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
 POSITIONS 1-30: 28 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
 SIZE 22 CONTACTS: 3 AMPERES NOMINAL.

INITIAL CONTACT RESISTANCE:

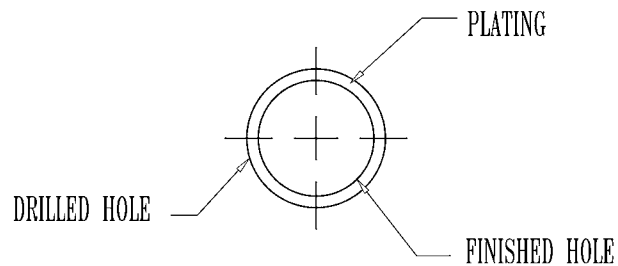
SIZE 16 CONTACTS: 0.0007 OHMS MAXIMUM PER IEC 512-2, TEST 2b.
 SIZE 22 CONTACTS: 0.004 OHMS MAXIMUM.

INSULATION RESISTANCE: 5 G OHMS PER IEC 512-2, TEST 3a, METHOD A.
 WORKING TEMPERATURE: -55°C TO +125°C.

4. PRODUCTS DESCRIBED ON THIS DOCUMENT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,255,580 AND 5,329,697.

OTHER PATENTS PENDING.

5. DIMENSIONS ARE IN MILLIMETERS [INCHES].

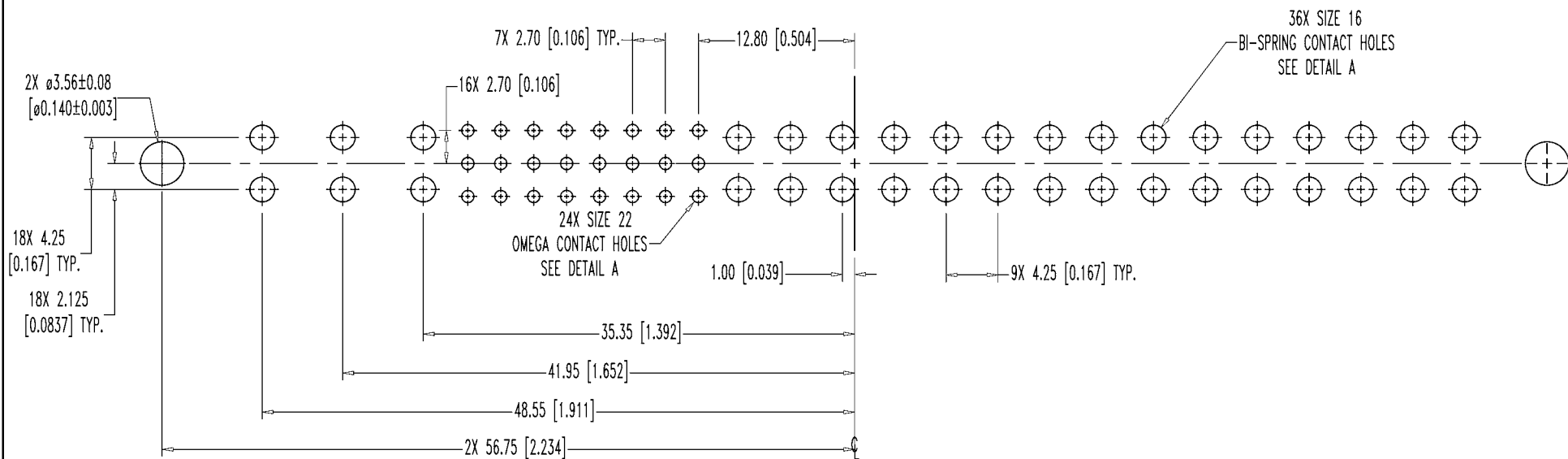


PRESS FIT CONTACT HOLES SEE SK6370

DETAIL A

		POSITRONIC INDUSTRIES INC. www.connectpositronic.com	
		PCIA SERIES 36 SIZE 16, 24 SIZE 22	SCALE N.T.S.
DECIMAL TOL. ± 0.38 [0.015]	TITLE PCIA60W36F9300A1		APPROVED BY RCW
ANGULAR TOL. ± 2°	DATE 7-7-99	DRAWING NUMBER SK3162	REV. G

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PC BOARD HOLE PATTERN