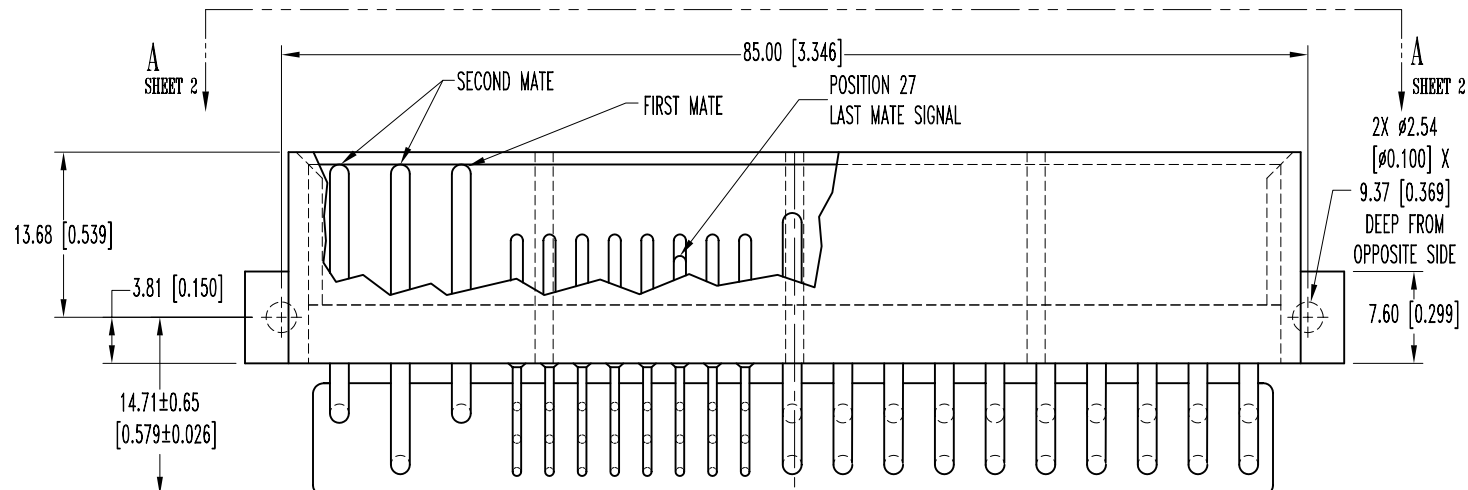


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DATE	REV	REVISION RECORD	APP	DR	CK
10-11-00	NC	ECO 16876	RCW	JLG	TK
3-28-01	A	ECO 17509	RCW	TH	TK
6-21-01	B	ECO 17950	RCW	ME	TK
8-11-01	C	ECO 18291		YK	



NOTES:

1. MATERIALS AND FINISHES:

INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
 SIZE 16 CONTACTS: HIGH CONDUCTIVITY 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 RATING.

INITIAL CONTACT RESISTANCE; MAXIMUM:
 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.

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

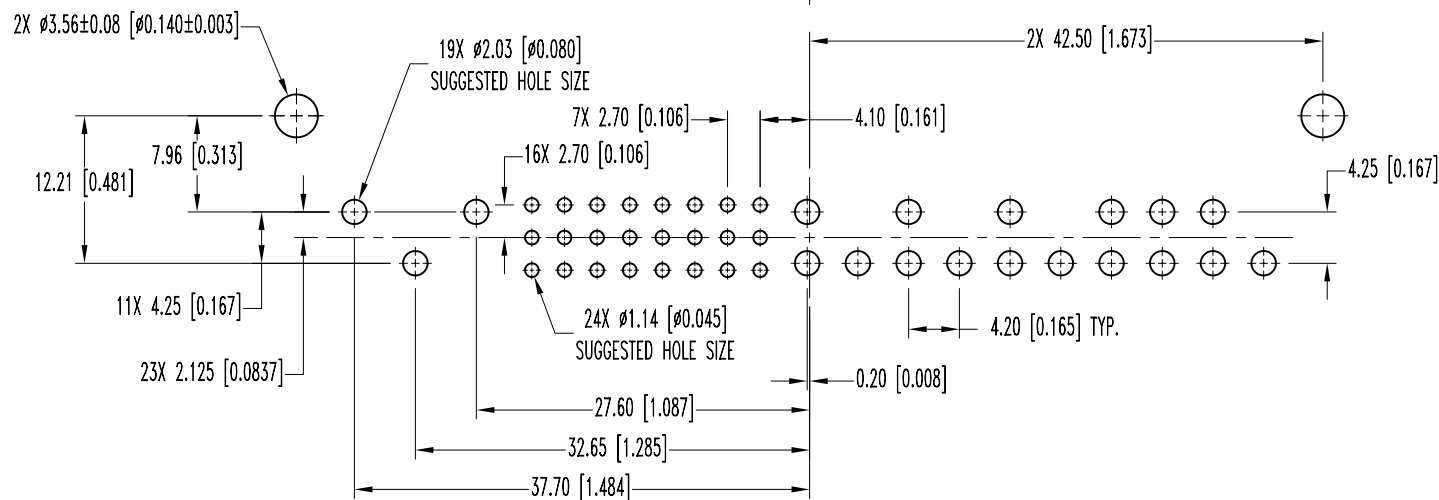
DISTANCE; MINIMUM:

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.

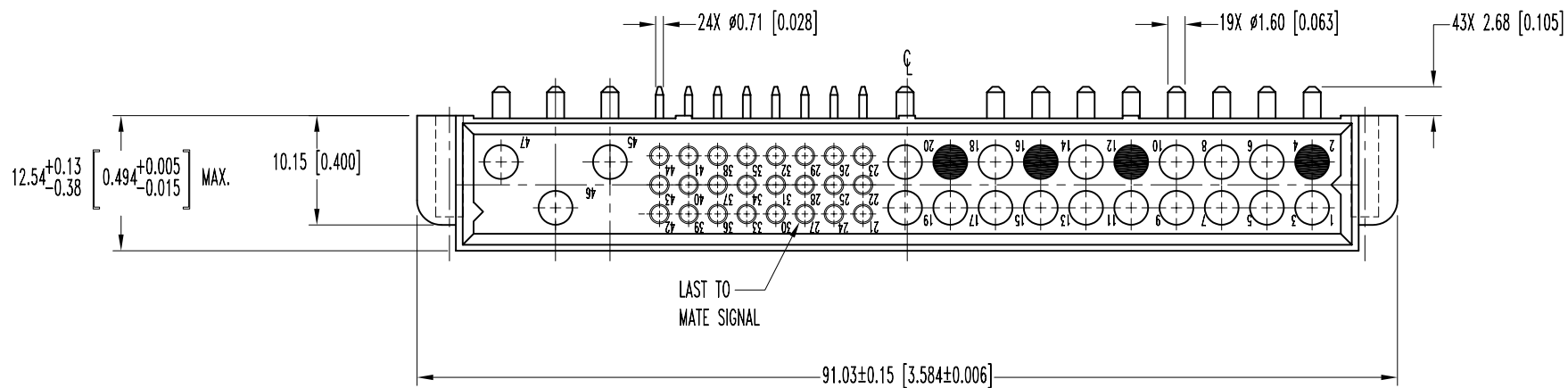
4. MOS 259.0 ALLOWS FOR CONNECTOR TO BE SELECTIVELY LOADED. DO NOT LOAD POSITIONS 2, 10, 14 AND 18.

5. DIMENSIONS ARE IN MILLIMETERS [INCHES].



	POSITRONIC INDUSTRIES INC. www.connectpositronic.com		SCALE	DRAWN BY
	PCI SERIES		N.T.S.	J.GREEN
DECIMAL TOL. ± 0.38 [0.015]	TITLE PCIH47M400A1-259.2		APPROVED BY	RCW
WF # 3999	DATE	DRAWING NUMBER	REV.	
ANGULAR TOL. ± 3°	10-11-00	SK3450	SHEET 1 OF 2 C	

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VIEW A-A