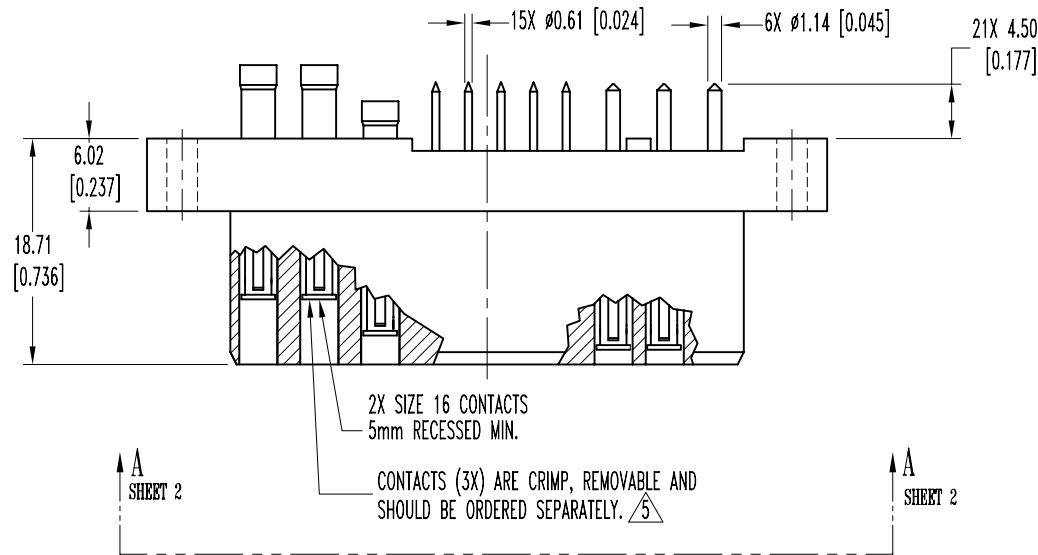
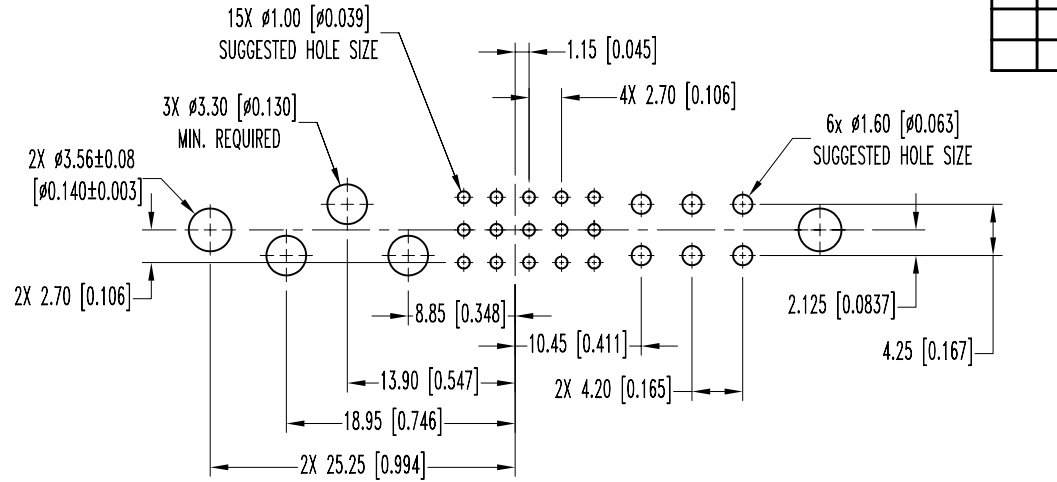


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DATE	REV	REVISION RECORD	APP	DR	CK
2-12-04	NC	ECO 22003		ME	



NOTES:

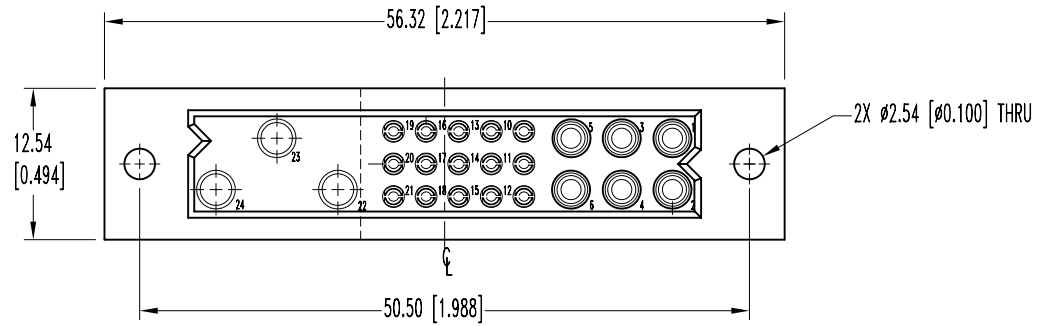
- MATERIALS AND FINISHES:**
 INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.
 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
- ELECTRICAL CHARACTERISTICS:**
 CONTACT CURRENT RATING:
 SIZE 16 POWER CONTACTS:
 POSITIONS 1-6: 35 AMPERES CONTINUOUS, ALL 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: 1 THROUGH 6: 1,500 V r.m.s.
 CONTACTS: 7 THROUGH 21: 1,000 V r.m.s.
- THIS MOS ALLOWS FOR CONNECTOR TO HAVE SPECIAL LOW PROFILE AC PASS THROUGH MOLDING.
- WORKING TEMPERATURE: -55°C TO +125°C.
- USE FC*N25-1565.0 CONTACTS ON CRIMP REMOVABLE POSITIONS, SEE CHART.
- DIMENSIONS ARE IN MILLIMETERS [INCHES].

PART NUMBER	WIRE SIZE mm ² / [awg]
FC112N2S-1565.0	4.0/[12]
FC114N2-1565.0	2.5-1.5/[14-16]
FC116N2-1565.0	1.5-1.0/[16-18]

POSITRONIC INDUSTRIES INC.
www.connectpositronic.com

 DECIMAL TOL. ± 0.38 [0.015]	PCI SERIES	SCALE N.T.S.	DRAWN BY M. ENEA
	TITLE PCIB24W9F300A1-246.5		
DATE 2-12-04	DRAWING NUMBER SK5299	SHEET 1 OF 2	REV. NC

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VIEW A-A