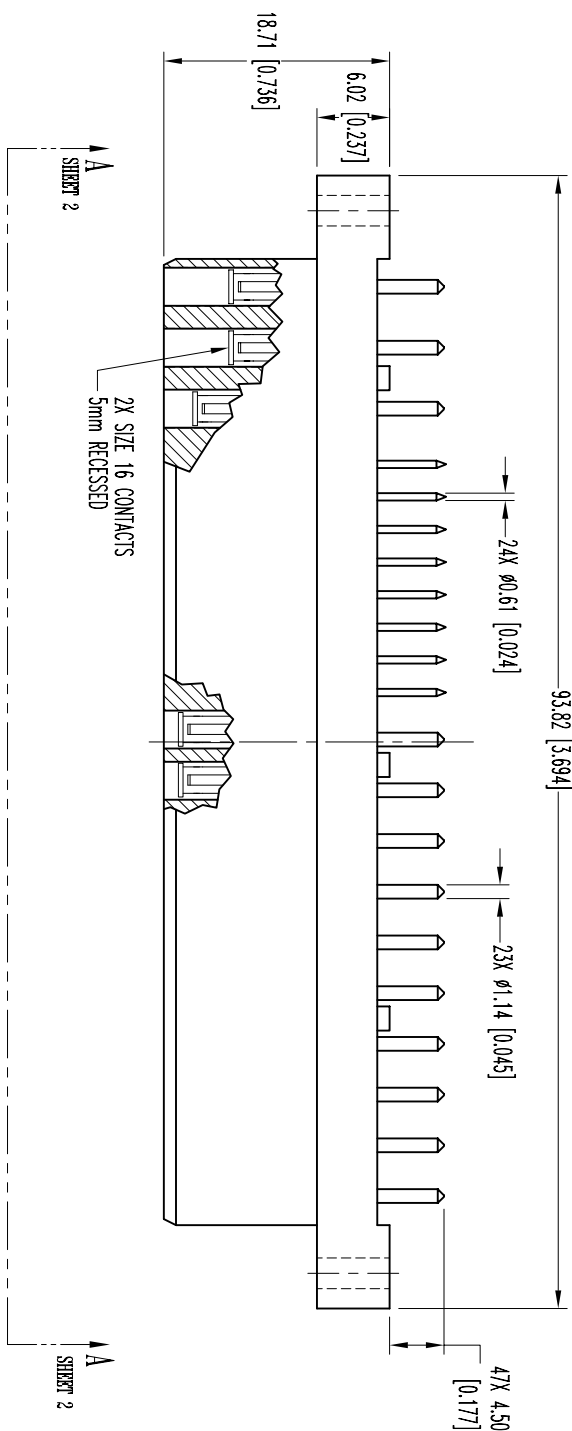
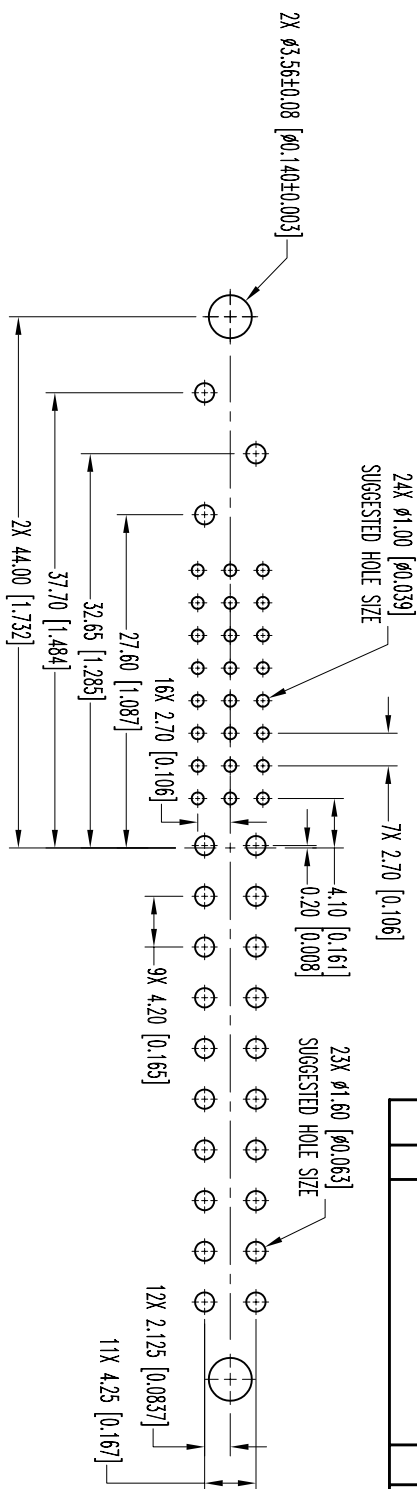


POSITRONIC INDUSTRIES BELIEVES THE DATA ON THIS DRAWING TO BE RELIABLE SINCE THE TECHNICAL INFORMATION IS GIVEN FREE OF CHARGE, THE USER ASSUMES ALL RESPONSIBILITY FOR THE PROPER USE OF THIS INFORMATION. POSITRONIC INDUSTRIES ASSUMES NO RESPONSIBILITY FOR RESULTS OBTAINED OR DAMAGES INCURRED FROM USE OF SUCH INFORMATION IN WHOLE OR IN PART.

DATE	REV	REVISION RECORD	APP	DR	CK
7-7	NC	ECO 24312		YK	

SK6297 SHEET 1 OF 2



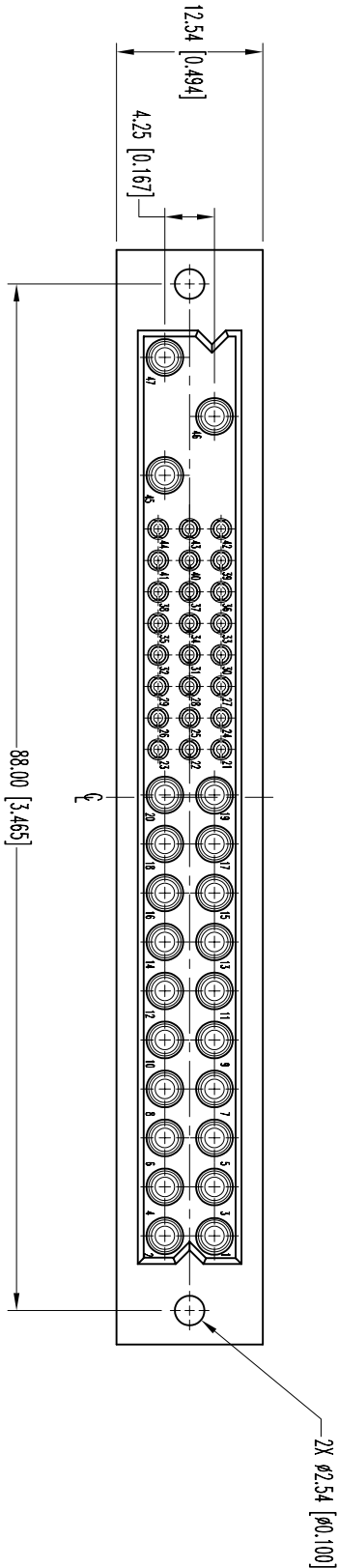
- NOTES:
- MATERIALS AND FINISHES:  
INSULATOR: GLASS FILLED POLYESTER, UL 94V-0. COLOR: BLUE.  
SIZE 16 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.  
SIZE 22 CONTACTS: PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL.
  - ELECTRICAL CHARACTERISTICS:  
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.
  - CONNECTORS ARE ROHS COMPLIANT PER POHS DIRECTIVE 2002/95/EC OF 27 JAN 2003.
  - DIMENSIONS ARE IN MILLIMETERS [INCHES].



POSITRONIC  
INDUSTRIES INC.  
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DECIMAL TOL.	SCALE	DRAWN BY
± 0.38 [0.015]	N.T.S.	YK

DATE	DRAWING NUMBER	REV.
7-7-05	SK6297	NC



VIEW A-A