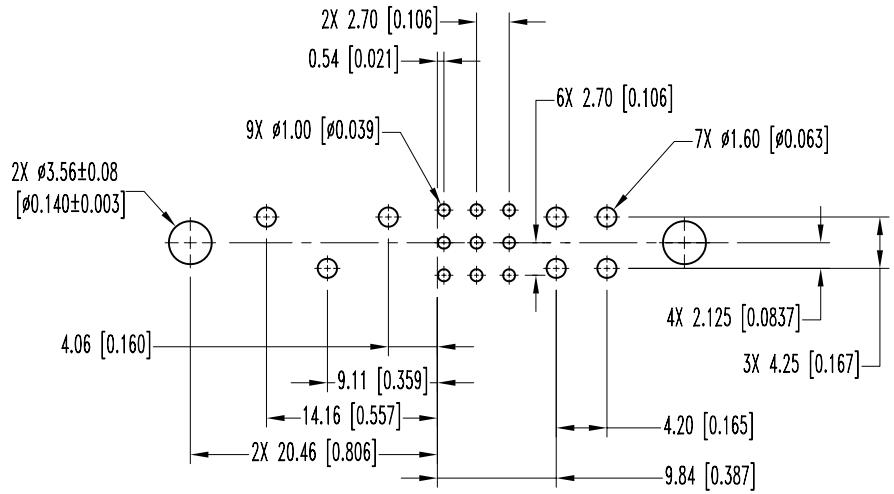
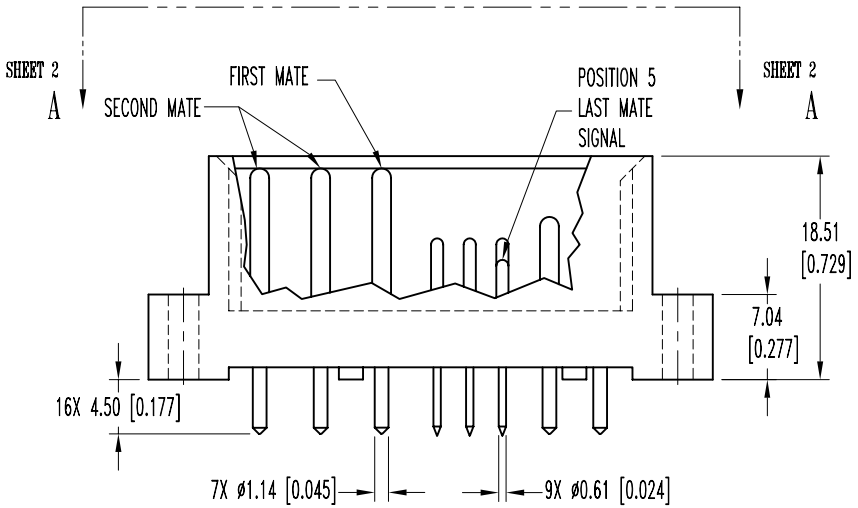
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DATE	REV	REVISION RECORD	APP	DR	CK
3-21 06	NC	ECO 25671		YK	



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 14, 15 AND 16: 40 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
       - POSITIONS 1-4: 30 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD.
     - SIZE 22 SIGNAL CONTACTS: 3 AMPERES NOMINAL RATING.
   - 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: 14, 15 AND 16: 3,000 V r.m.s.
     - CONTACTS: 1 THROUGH 4: 1,500 V r.m.s.
     - CONTACTS: 5 THROUGH 13: 1,000 V r.m.s.
   - CREEPAGE AND CLEARANCE
   - DISTANCE; MINIMUM:
     - CONTACT 16 TO CONTACT 14: 3.2 [0.126]
     - CONTACT 15 TO CONTACT 14: 3.2 [0.126]
     - CONTACT 16 TO SIGNAL CONTACTS: 6.4 [0.252]
     - CONTACT 15 TO SIGNAL CONTACTS: 6.4 [0.252]
     - CONTACT 16 TO CONTACT 15: 2.5 [0.098]
     - CONTACT 14 TO SIGNAL CONTACTS: 2.0 [0.079]
4. WORKING TEMPERATURE: -55°C TO +125°C.
5. DIMENSIONS ARE IN MILLIMETERS [INCHES].

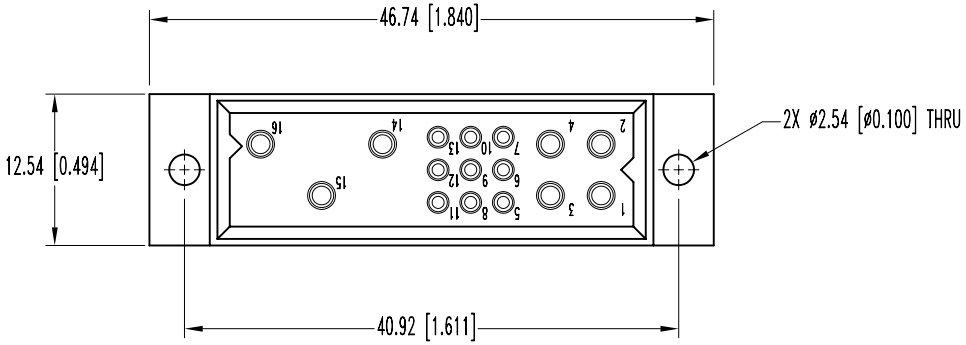


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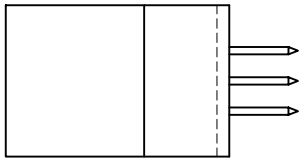
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			APPROVED BY
	TITLE PCIC16W7M300A1		
ANGULAR TOL. ±5°	DATE 3-21-06	DRAWING NUMBER SK7187 SHEET 1 OF 2	REV. NC

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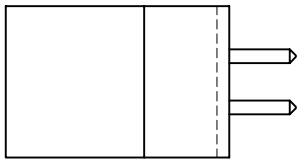
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VIEW A-A



SIZE 22



SIZE 16

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