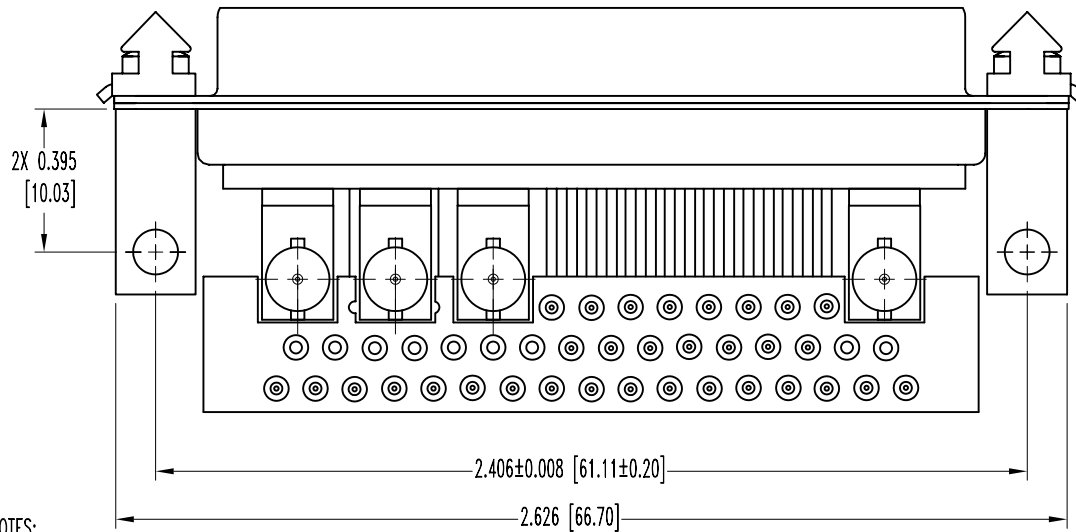
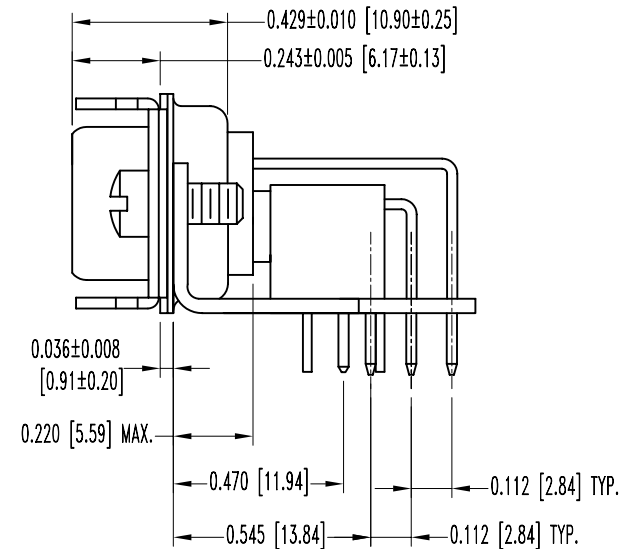
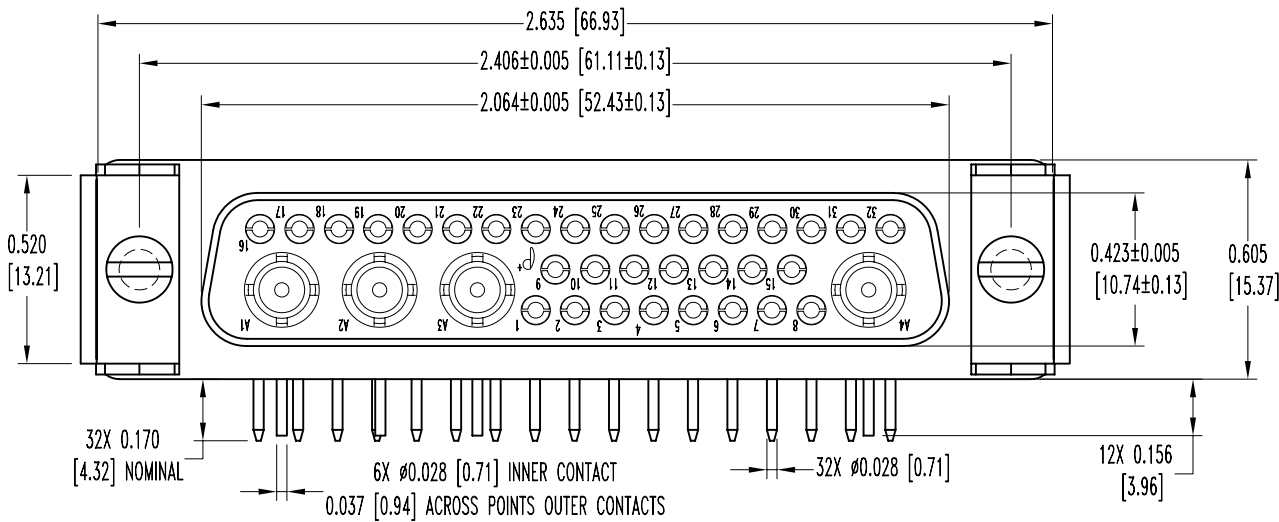


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DATE	REV	REVISION RECORD	APP	DR	CK
6-17-04	NC	ECO 22559		ME	



2. ELECTRICAL CHARACTERISTICS:

SIGNAL CONTACT:

CONTACT CURRENT RATING: 7.5 AMPERES NOMINAL.  
INITIAL CONTACT RESISTANCE: 0.008 OHMS MAXIMUM.

SHIELDED CONTACTS:

INITIAL CONTACT RESISTANCE: 0.008 OHMS MAXIMUM.  
NOMINAL IMPEDANCE: 50 OHMS.  
INSERTION LOSS: -0.46 dB AT 1 GHz  
-1.5 dB AT 2 GHz  
VSWR: 1.15 AVERAGE AT 2 GHz

INSULATOR RESISTANCE: 5 G OHMS.

WORKING VOLTAGE: 300 V r.m.s.

3. TEMPERATURE RANGE: -55°C TO +125°C.

4. DIMENSIONS ARE IN INCHES [MILLIMETERS].

NOTES:

1. MATERIALS AND FINISHES:

INSULATOR: GLASS FILLED POLYESTER PER MIL-M-24519 UL 94V-0, BLUE COLOR.  
SIGNAL CONTACTS: PRECISION MACHINED HIGH TENSILE PHOSPHOR BRONZE, GOLD FLASH OVER NICKEL PLATE.  
SHIELDED CONTACTS MATERIAL: COPPER ALLOY WITH PTFE TEFLON INSULATOR.  
PLATING: SIGNAL CONTACT: 0.0000030 [0.75µ] GOLD OVER NICKEL.  
CONTACT BODY: GOLD FLASH OVER NICKEL.

BRACKETS: BRASS, TIN PLATED.

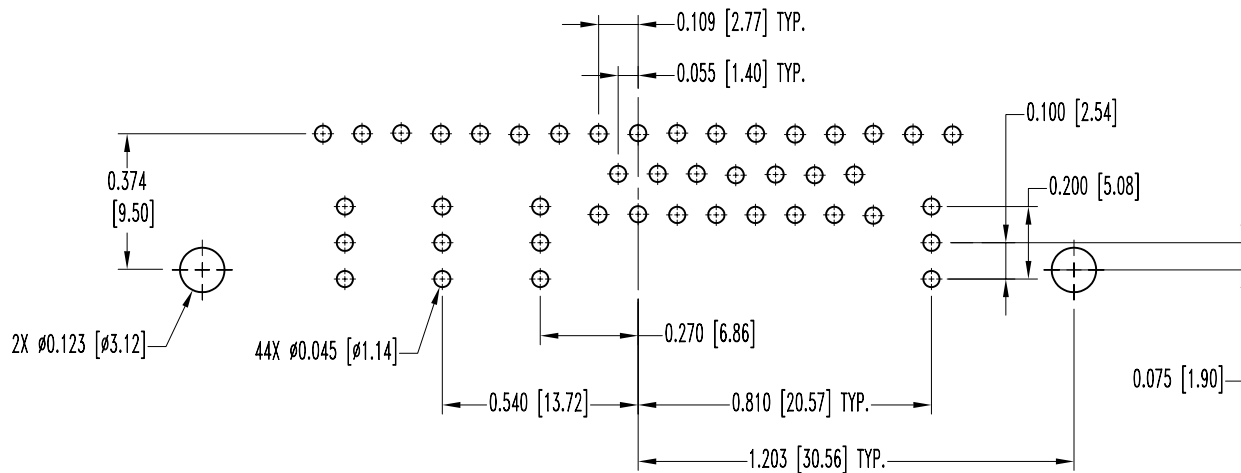
SHELLS: STEEL, TIN PLATED.

LOCK TAB: STEEL, NICKEL PLATED.

ALIGNMENT BAR: GLASS FILLED NYLON, BLACK.

		<b>POSITRONIC INDUSTRIES INC.</b> www.connectpositronic.com	
		SCALE <b>N.T.S.</b>	DRAWN BY <b>M. ENEA</b>
DECIMAL TOL. <b>± 0.015 [0.38]</b>	<b>CBD SERIES</b>	APPROVED BY	
ANGULAR TOL. <b>± 5°</b>	TITLE <b>CBD36W4F85R70V3X</b>	DATE <b>6-17-04</b>	DRAWING NUMBER <b>SK5501</b>
		SHEET 1 OF 2	REV. <b>NC</b>

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2X  $\varnothing 0.123$  [ $\varnothing 3.12$ ]

44X  $\varnothing 0.045$  [ $\varnothing 1.14$ ]

CONTACT HOLE PATTERN