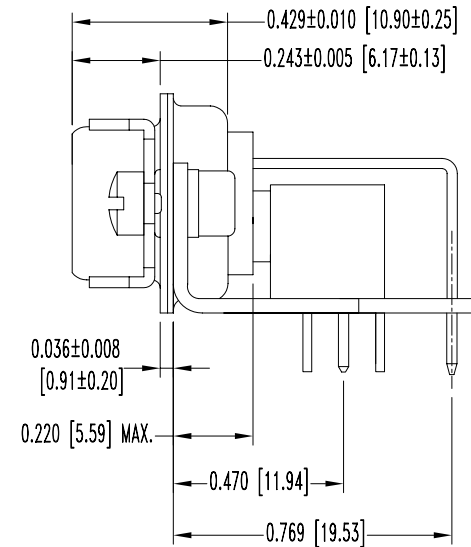
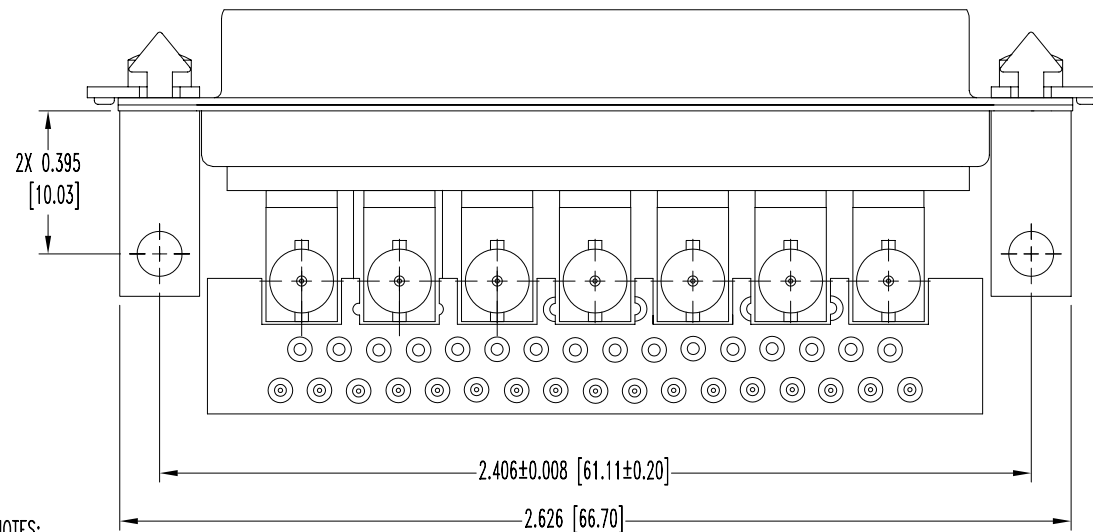
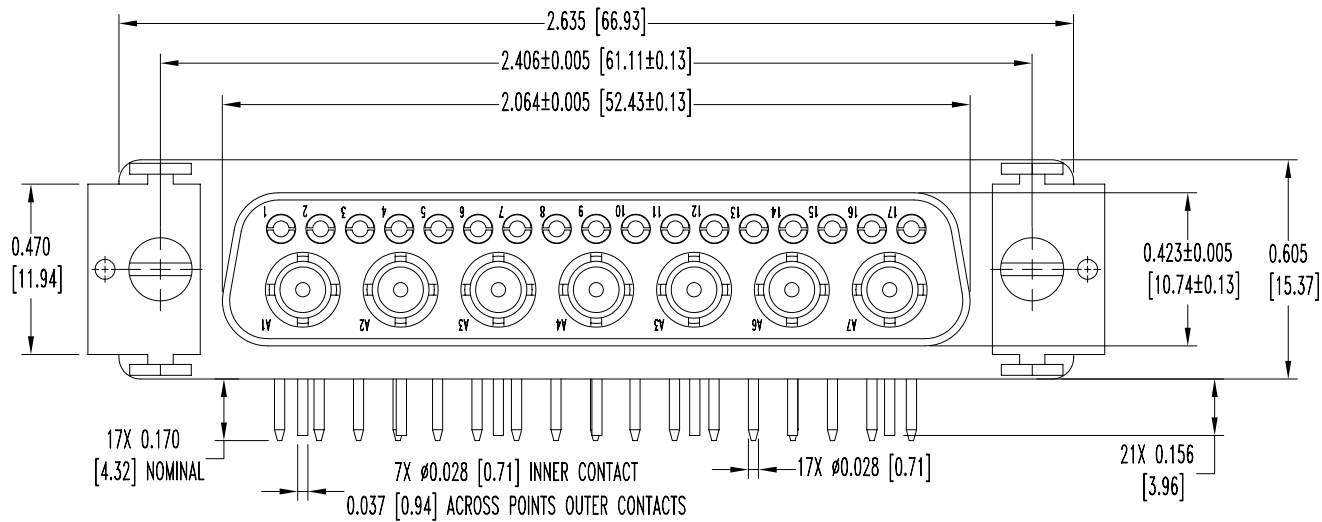


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DATE	REV	REVISION RECORD	APP	DR	CK
2-21-07	NC	ECO 27517		MM	



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 1 GHz  
VSWR: 1.56 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 FINISH.
- 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, ZINC FINISH WITH CHROMATE SEAL.
- SHELLS: STEEL, ZINC FINISH WITH CHROMATE SEAL.
- LOCK TAB: STEEL, NICKEL FINISH.
- ALIGNMENT BAR: GLASS FILLED NYLON, BLACK.

	<b>POSITRONIC INDUSTRIES INC.</b> www.connectpositronic.com		SCALE	DRAWN BY
	CBD SERIES		N.T.S.	M. MYERS
DECIMAL TOL.	TITLE		APPROVED BY	
± 0.015 [0.38]	CBD24W7F85R80V50			
ANGULAR TOL.	DATE	DRAWING NUMBER	REV.	
± 5°	2-21-07	SK8346	SHEET 1 OF 2 NC	

