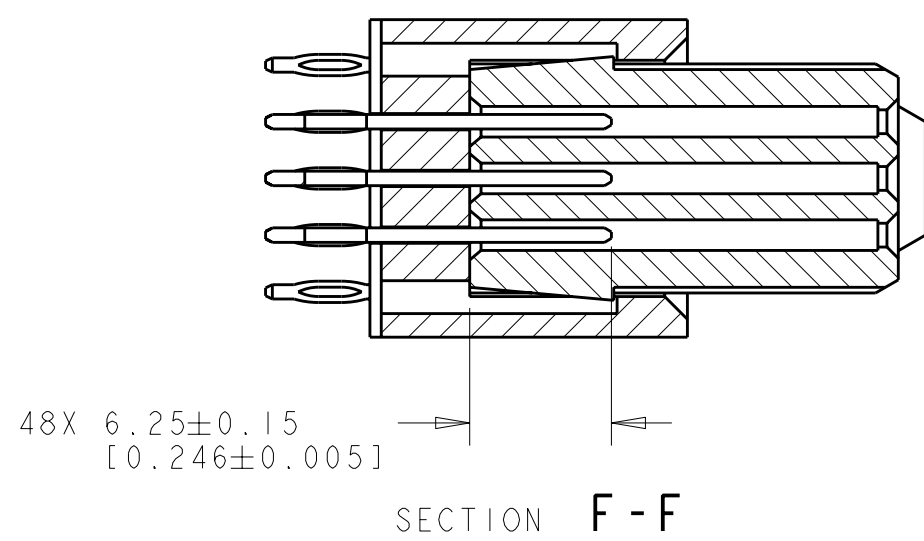
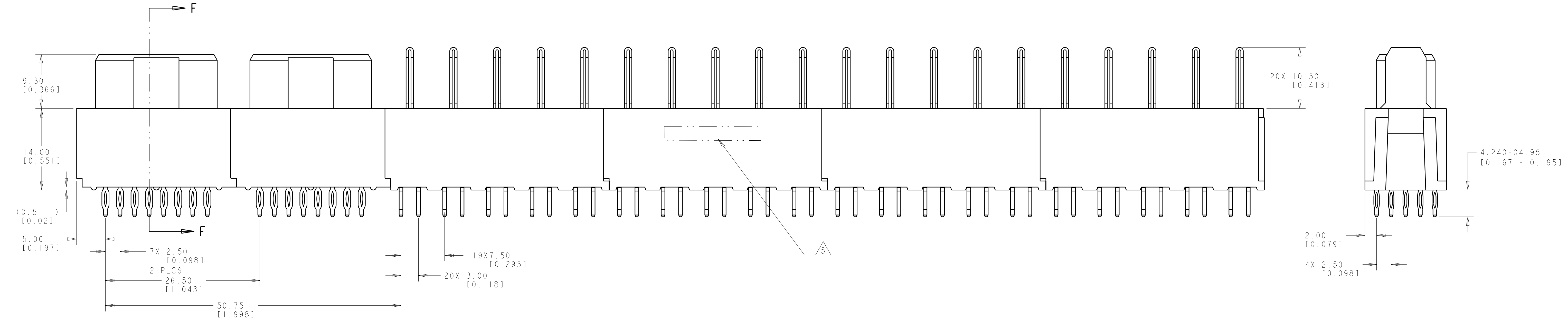
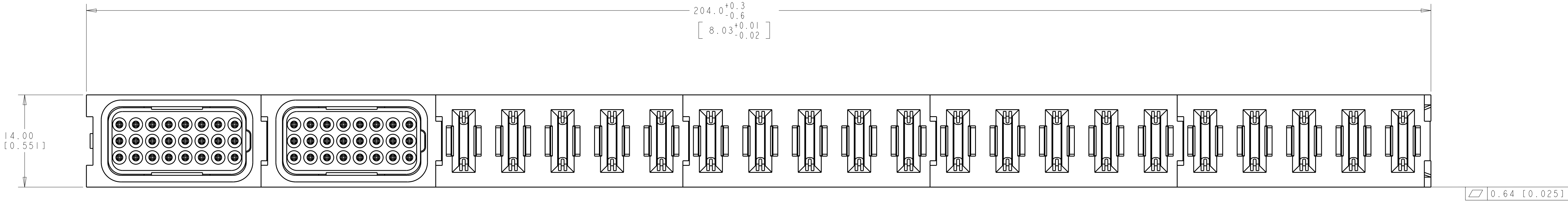


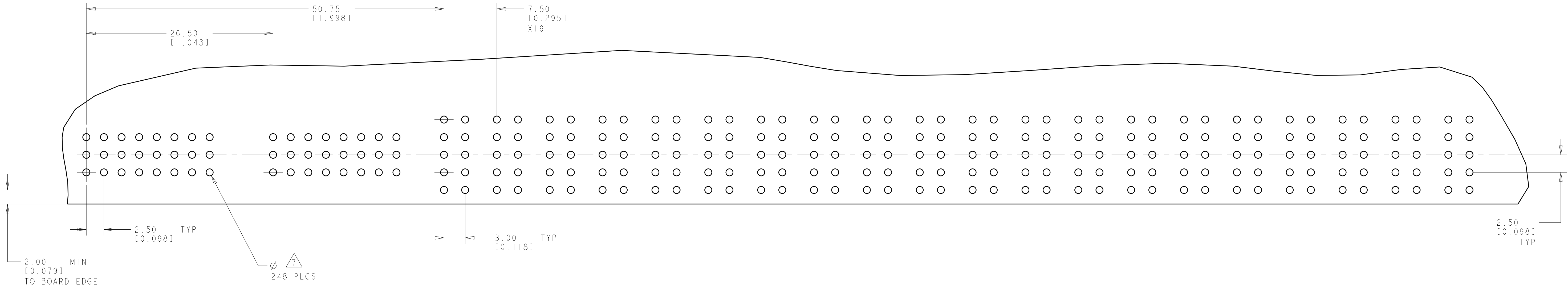
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	NEW RELEASE	31AUG2006	GIP	DO



AS SHOWN	6646272-1
DESCRIPTION	PART NUMBER

TYCO ELECTRONICS CORPORATION 1111 E. BROADWAY, SUITE 100, HARRISBURG, PA 17105-3608 TEL: 717/530-1000 FAX: 717/530-1001 WWW.TYCOELECTRONICS.COM		DWN G. PETERS 31AUG2006		tyco <i>Electronics</i> Tyco Electronics Harrisburg, PA 17105-3608							
		CHK D. ORRIS 31AUG2006									
		APVD S. FLICKINGER 31AUG2006									
		PRODUCT SPEC									
		APPLICATION SPEC									
		WEIGHT -									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CONNECTOR, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ		SIZE CAGE CODE DRAWING NO A100779C-6646272		RESTRICTED TO -			
		9 PLC ±.3 1 PLC ±.15 2 PLC ±.15 3 PLC ±.013 4 PLC ±.0001 ANGLES ±.5 FINISH -		CUSTOMER DRAWING		SCALE 2:1		SHEET 1 OF 3		REV A	

LOC	DIST	REVISIONS					
GP	00	REV	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

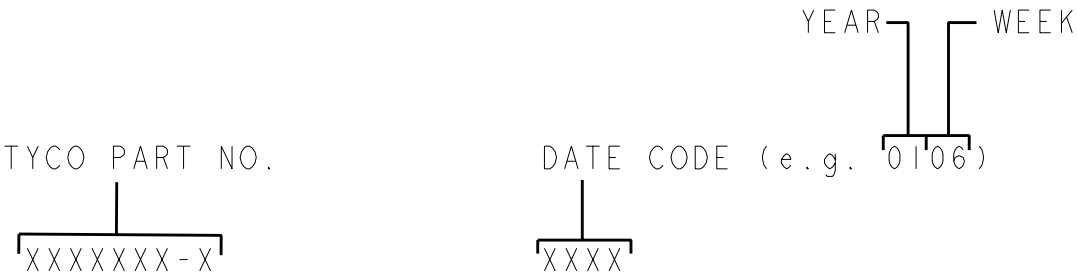


PRINTED CIRCUIT LAYOUT COMPONENT SIDE

1. PART NUMBER CHANGES AND/OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:

INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SOLDER SIGNAL PINS - BRASS ALLOY
COMPLIANT SIGNAL PIN - PHOSPHOR BRONZE
CROWN BAND - BERYLLIUM COPPER ALLOY
3. FINISH:

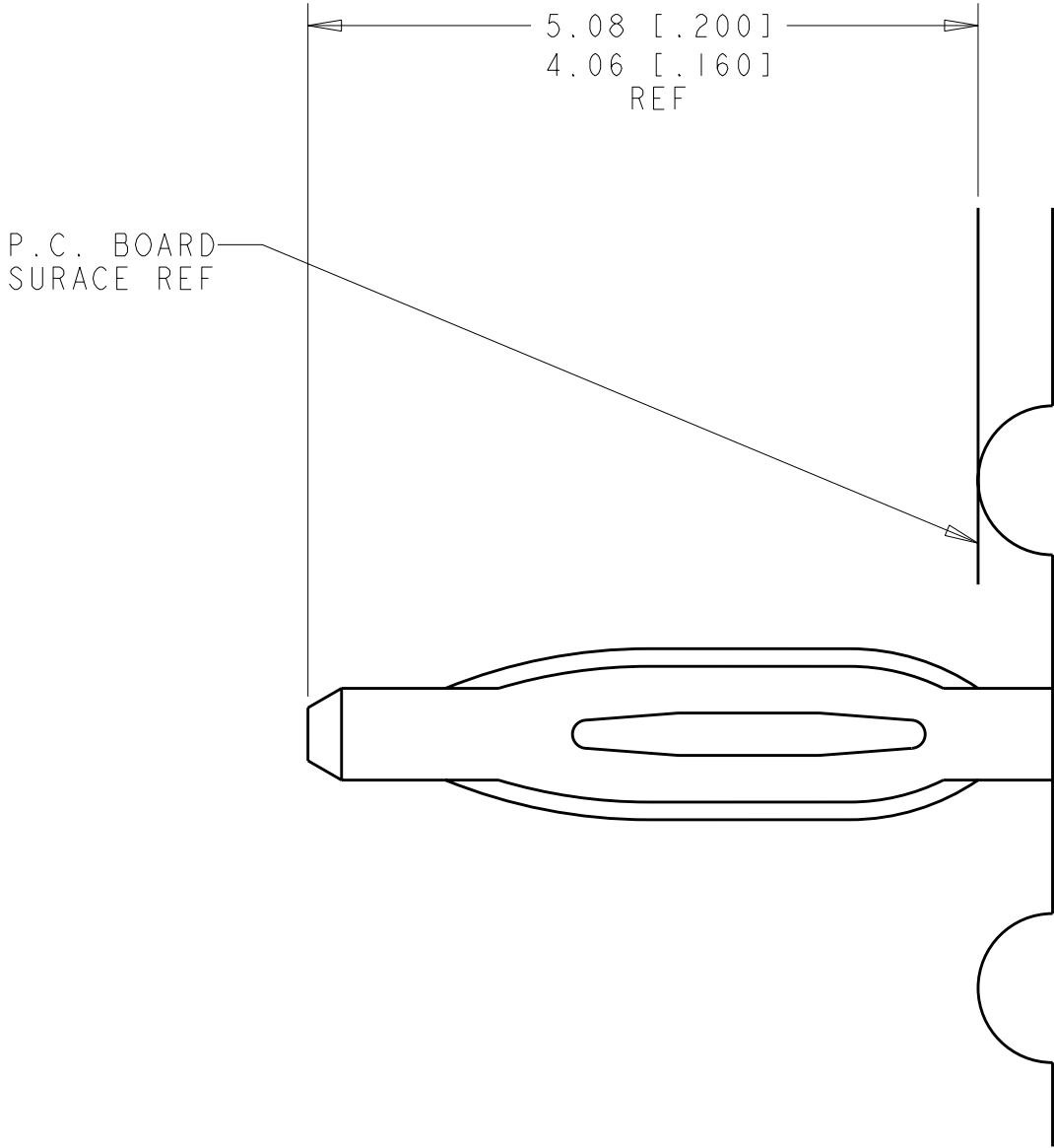
CONTACTS - GOLD PLATED .00030 INCH MIN. THK. OVER NICKEL .00040 INCH MIN THK, SOLDER TAILS, TIN .000100 INCH MIN THK. OVER NICKEL .0005 MIN THK.
4. CONTACT TYCO FOR RECOMMENDED PRESS TOOL DRAWING, FIX00229.
5. ITEM PROVIDED TO THIS SPECIFICATON TO BE PERMANTELY IDENTIFIED PER THE FOLLOWING IDENTIFIED LABEL



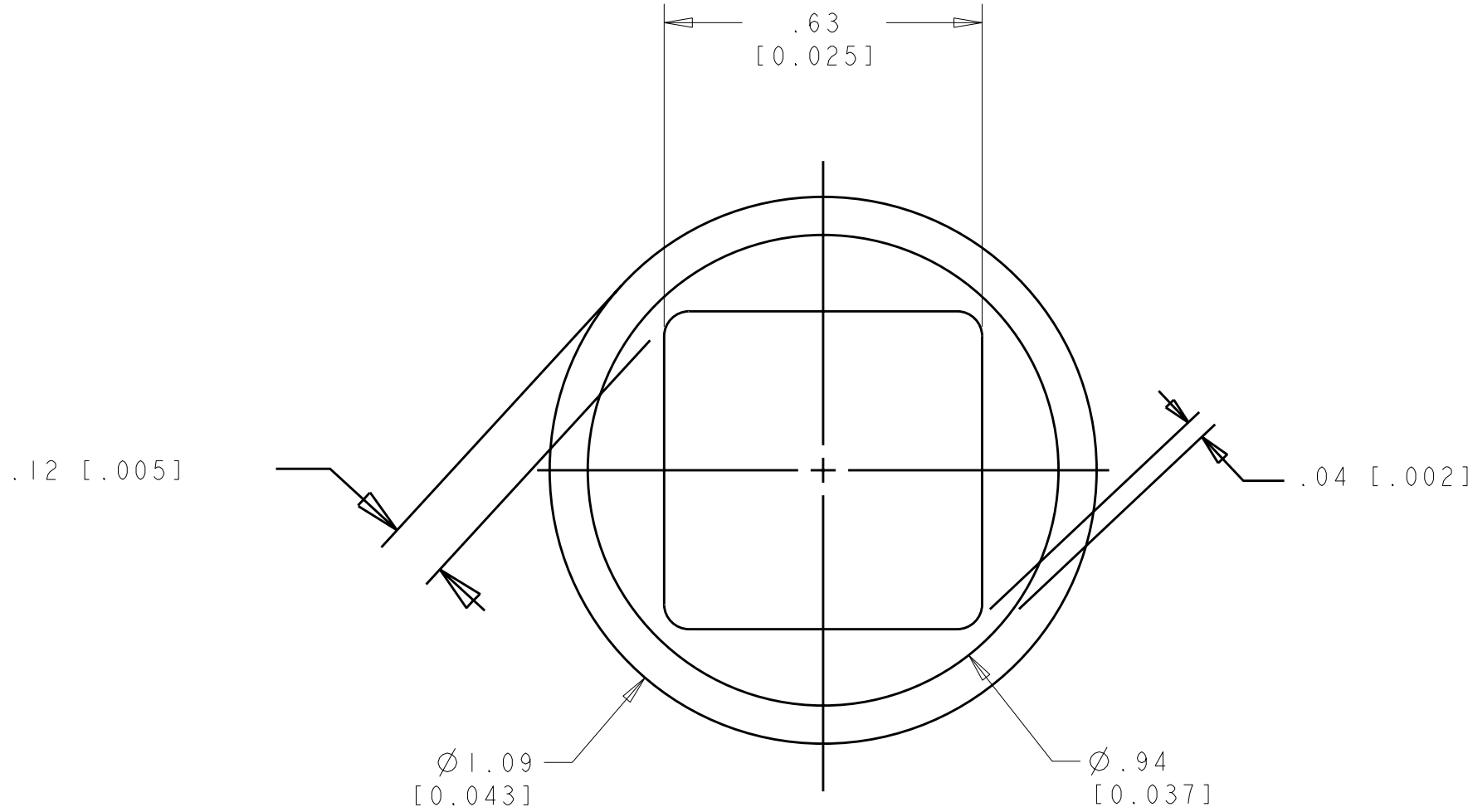
CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY.	CONTACT QTY	SIZE NO	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP216	20	20	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	600 VOLTS
	FP401	2	48	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS

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DIMENSIONS: mm				CHK D. ORRIS 31AUG2006			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5 FINISH				APVD S. FLICKINGER 31AUG2006			
MATERIAL -				PRODUCT SPEC -			
MATERIAL -				APPLICATION SPEC -	NAME CONNECTOR, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ		
MATERIAL -				WEIGHT -			
CUSTOMER DRAWING				SCALE 2:1	SHEET 2	OF 3	REV A

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET I	-	-	-



6. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN
[30 LBS]
MINIMUM PUSH OUT: 44.4N PER PIN
[10 LBS]



7. SOLDER TERMINATION AREA
SCALE 40 : 1
RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER OR COMPLIANT PRESS FIT
DRILLED HOLE: Ø1.15 [0.0453] ± .013 [.0005]
COPPER PLATE: .025 [.0010] TO .050 [.0020]
TIN PLATE: .0005 [.000020] MIN. (PER SURFACE)

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		CHK D. ORRIS	31AUG2006		
		APVD S. FLICKINGER	31AUG2006		
		PRODUCT SPEC			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.15 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5 FINISH		CONNECTOR, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ	
		APPLICATION SPEC		SIZE	
MATERIAL		WEIGHT		CAGE CODE	
-		-		DRAWING NO	
		A		00779	
		C=6646272		RESTRICTED TO	
				-	
CUSTOMER DRAWING		SCALE		SHEET	
		2:1		3 OF 3	
				REV	
				A	

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