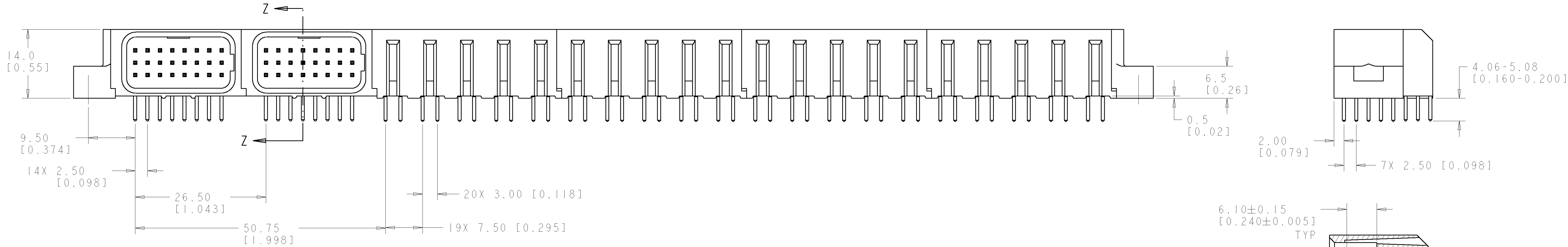
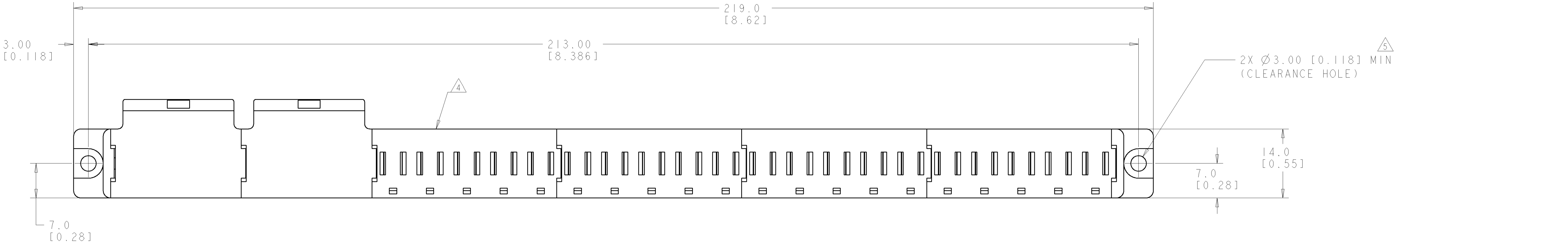


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		A		RELEASED	07DEC2006	RG	PD	



SECTION Z-Z

ELCON FLATPAQ

AS SHOWN		6646681-1	
DESCRIPTION		PART NUMBER	
DWN R. GRZYBOWSKI TDEC06		tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
CHK P. DAMATO TDEC06		NAME	
APVD S. FLICKINGER TDEC06		TOP ASSEMBLY CONNECTOR, SOCKET RIGHT ANGLE, SOLDER TAILS	
PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
APPLICATION SPEC		A 100779 C=6646681	
WEIGHT		RESTRICTED TO	
CUSTOMER DRAWING		SCALE 3:1 SHEET 1 OF 3 REV A	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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.
SOLDER SIGNAL PIN: BRASS ALLOY
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
CROWN BANDS - BERYLLIUM COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY
3. FINISH:

CONTACTS - GOLD PLATE .000030" MIN. THK. OVER NICKEL
.000050" MIN. THK.
SOLDER TAILS TIN, .000100" MIN. THK. OVER NICKEL
.000050" MIN. THK.

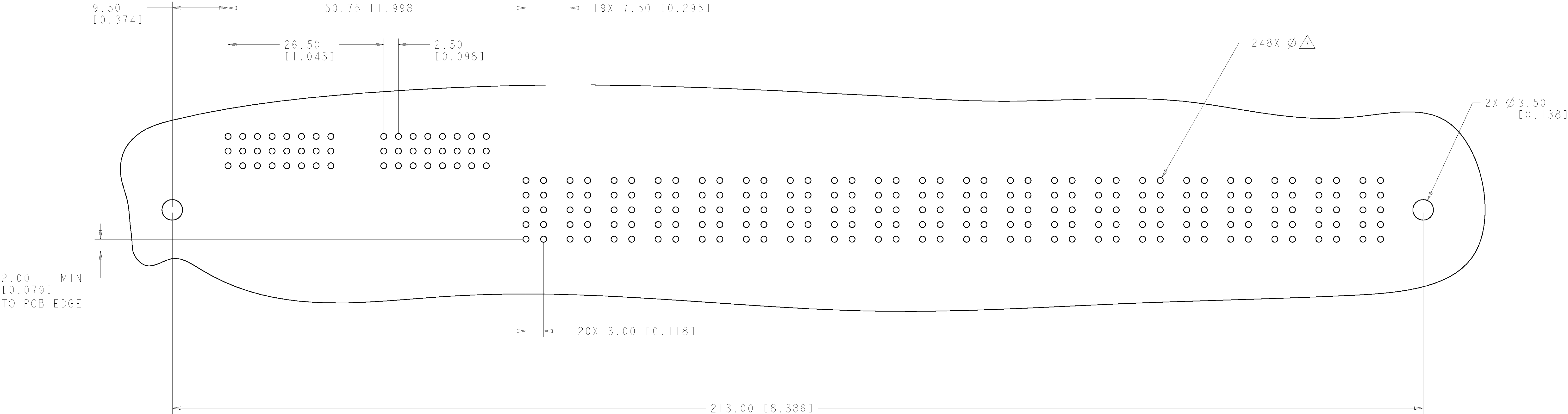
△ 4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR 11WEEK

TYCO PART NO. DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

△ 5 MOUNTING FLANGES ACCEPTS M3 OR #4-40 SCREWS (USER SUPPLIED)



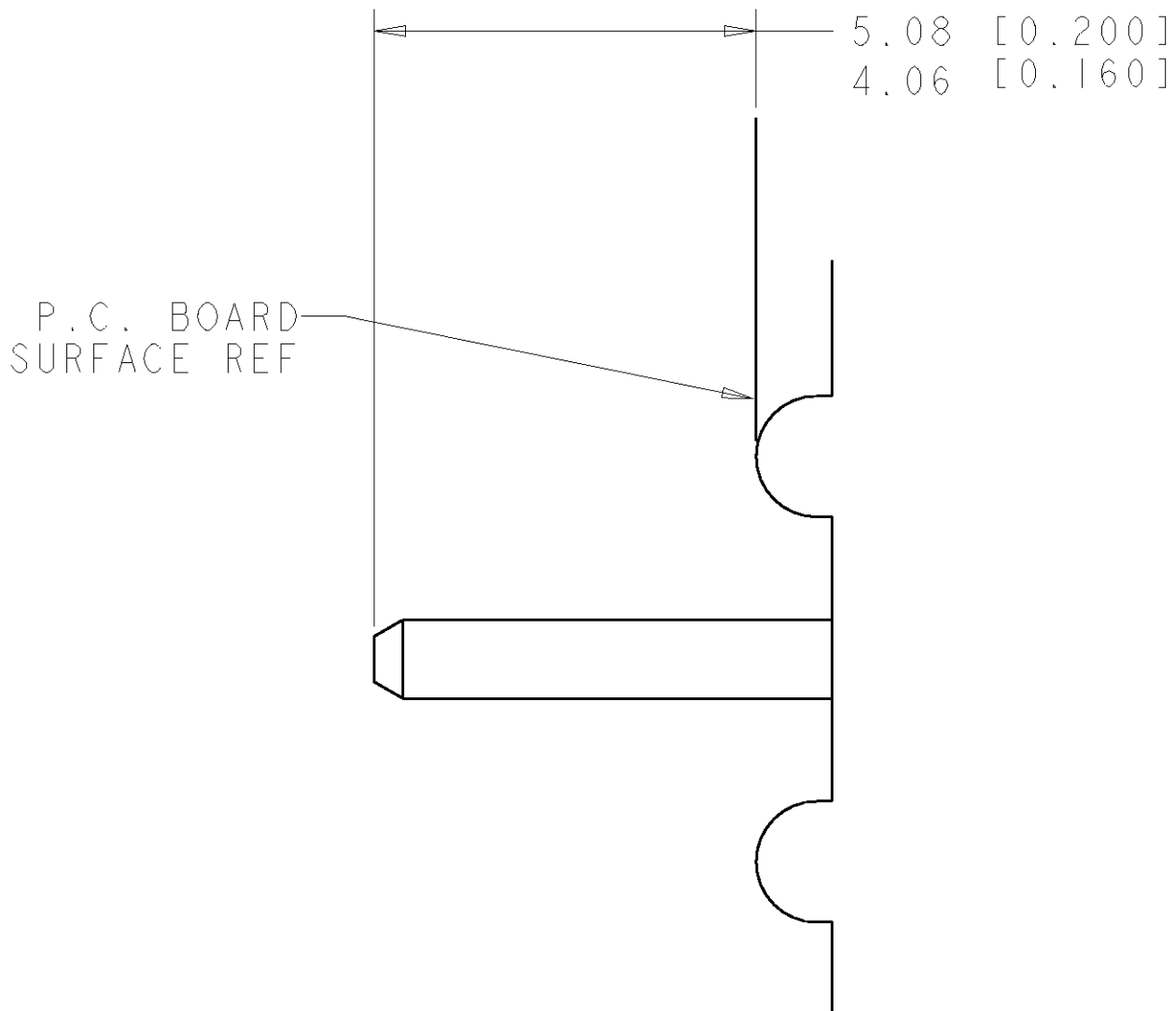
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

ELCON

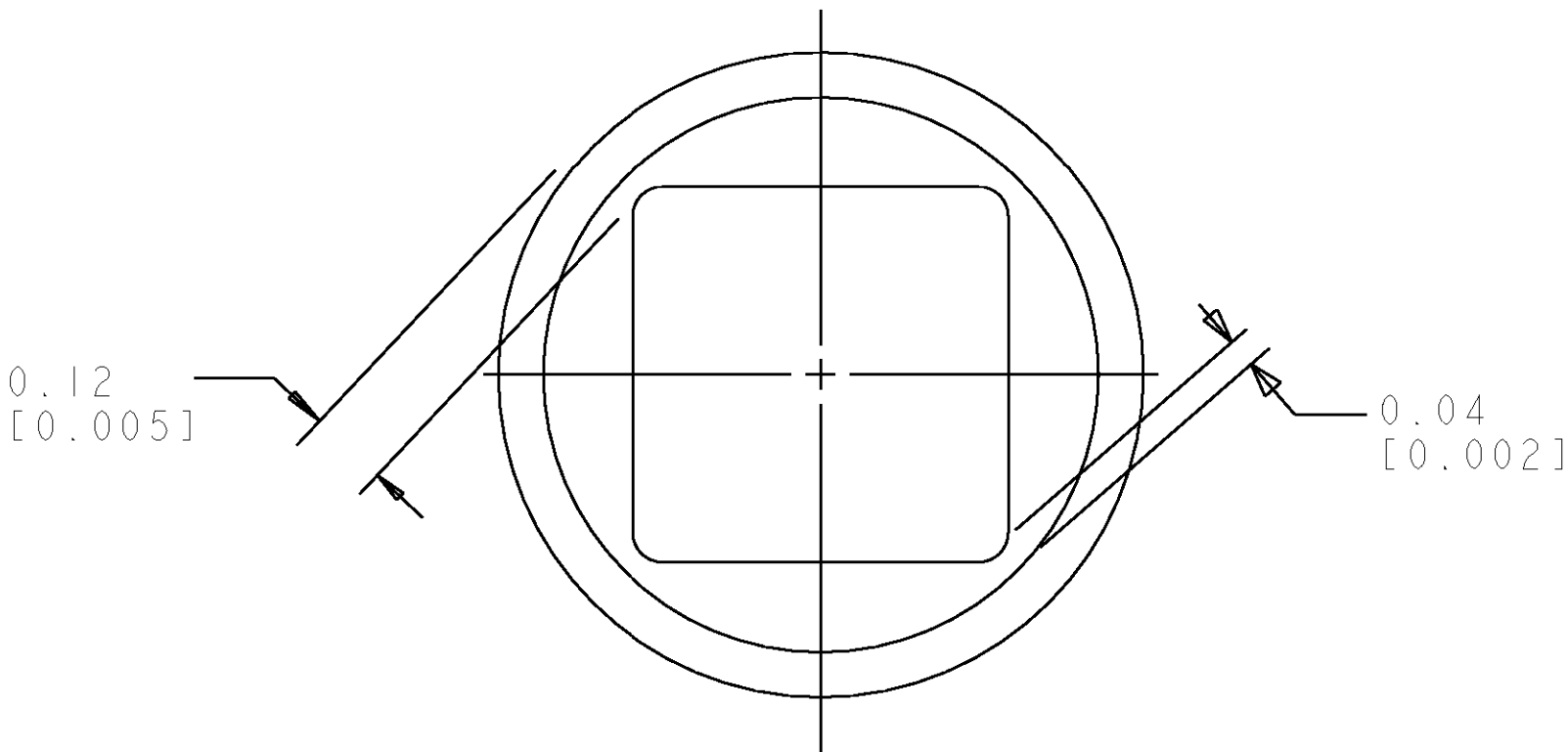
FLATPAQ

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DIMENSIONS: mm [INCHES]		CHK P. DAMATO	TDEC06		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER	TDEC06	NAME TOP ASSEMBLY CONNECTOR, SOCKET RIGHT ANGLE, SOLDER TAILS	
0 PLC ±.000		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
1 PLC ±0.5 (0.020)		APPLICATION SPEC		RESTRICTED TO	
2 PLC ±0.25 (0.010)		WEIGHT		A 100779C=6646681	
3 PLC ±0.000		CUSTOMER DRAWING		SCALE 3:1 SHEET 2 OF 3 REV A	
4 PLC ±0.000					
ANGLES ±.5					
FINISH					
MATERIAL					

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



6. SOLDER TAIL DETAIL
SCALE 10 : 1



⚠ SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN.
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP104	20	8	40	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP303	2	22	48	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

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		CHK P. DAMATO	TDEC06		
		APVD S. FLICKINGER	TDEC06	NAME TOP ASSEMBLY CONNECTOR, SOCKET RIGHT ANGLE, SOLDER TAILS	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC	±		
		1 PLC	±0.5 [.020]		
		2 PLC	±0.25 [.010]		
		3 PLC	±0.000		
		4 PLC	±0.0000		
		ANGLES	± 5	APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
-		-		-	
CUSTOMER DRAWING				SIZE	
				CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				A 00779	
				©=6646681	
				SCALE	3:1
				SHEET	3
				OF	3
				REV	A

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