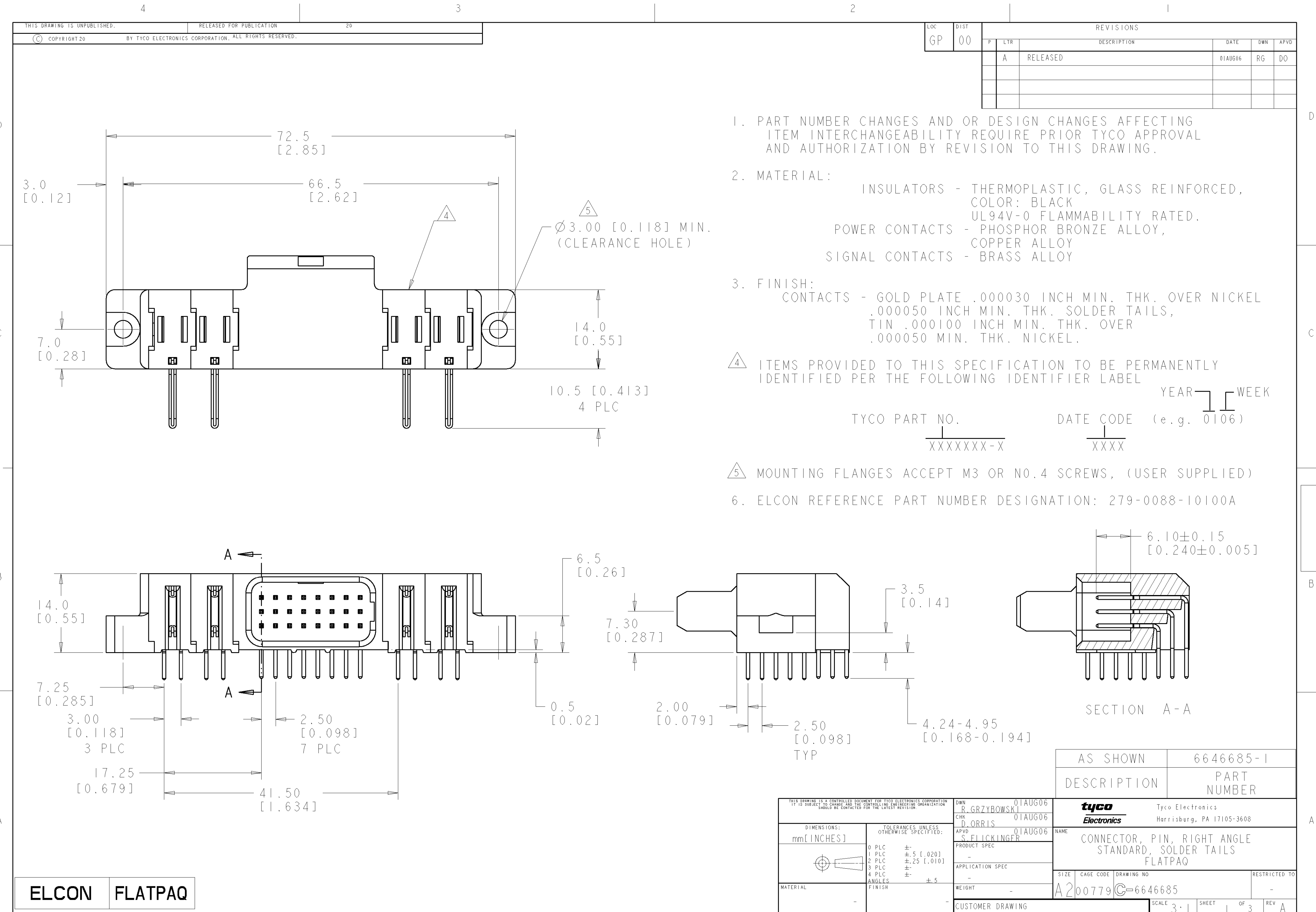




4		3		2		1									
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20		LOC		DIST		REVISIONS					
© COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.				GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
											A	RELEASED	01AUG06	RG	DO

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
 - MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY
 - FINISH:
CONTACTS - GOLD PLATE .000030 INCH MIN. THK. OVER NICKEL
.000050 INCH MIN. THK. SOLDER TAILS,
TIN .000100 INCH MIN. THK. OVER
.000050 MIN. THK. NICKEL.
- △ ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL
- YEAR WEEK
- TYCO PART NO. DATE CODE (e.g. 0106)
- XXXXXXXX-X XXXX
- △ MOUNTING FLANGES ACCEPT M3 OR NO.4 SCREWS, (USER SUPPLIED)
6. ELCON REFERENCE PART NUMBER DESIGNATION: 279-0088-10100A

14.0
[0.55]

7.25
[0.285]

3.00
[0.118]

3 PLC

17.25
[0.679]

41.50
[1.634]

0.5
[0.02]

2.50
[0.098]

7 PLC

6.5
[0.26]

7.30
[0.287]

3.5
[0.14]

2.00
[0.079]

2.50
[0.098]

TYP

4.24-4.95
[0.168-0.194]

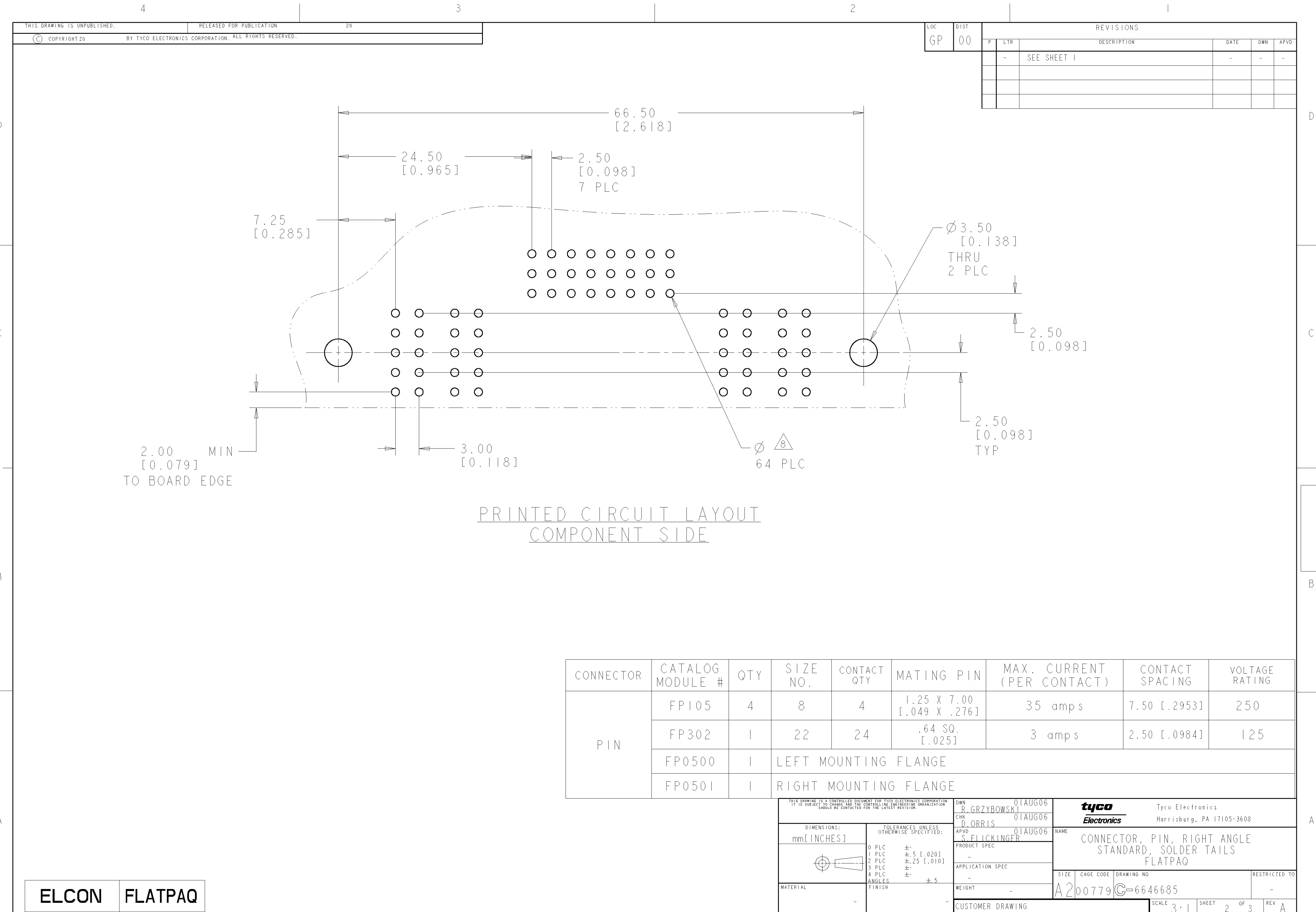
6.10±0.15
[0.240±0.005]

SECTION A-A

ELCON

FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R.GRZYBOWSKI 01AUG06	tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608		
DIMENSIONS: mm[INCHES]		CHK D.ORRIS 01AUG06	NAME		CONNECTOR, PIN, RIGHT ANGLE STANDARD, SOLDER TAILS FLATPAQ		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S.FLICKINGER 01AUG06	PRODUCT SPEC		SIZE		
0 PLC ±.5 [0.020]		APPLICATION SPEC		CAGE CODE		RESTRICTED TO	
1 PLC ±.25 [0.010]		WEIGHT		DRAWING NO			
2 PLC ±.25 [0.010]		CUSTOMER DRAWING		A200779		REV A	
3 PLC ±.5		SCALE		3:1			
4 PLC ±.5		SHEET		1 OF 3			
ANGLES ±.5							
FINISH							



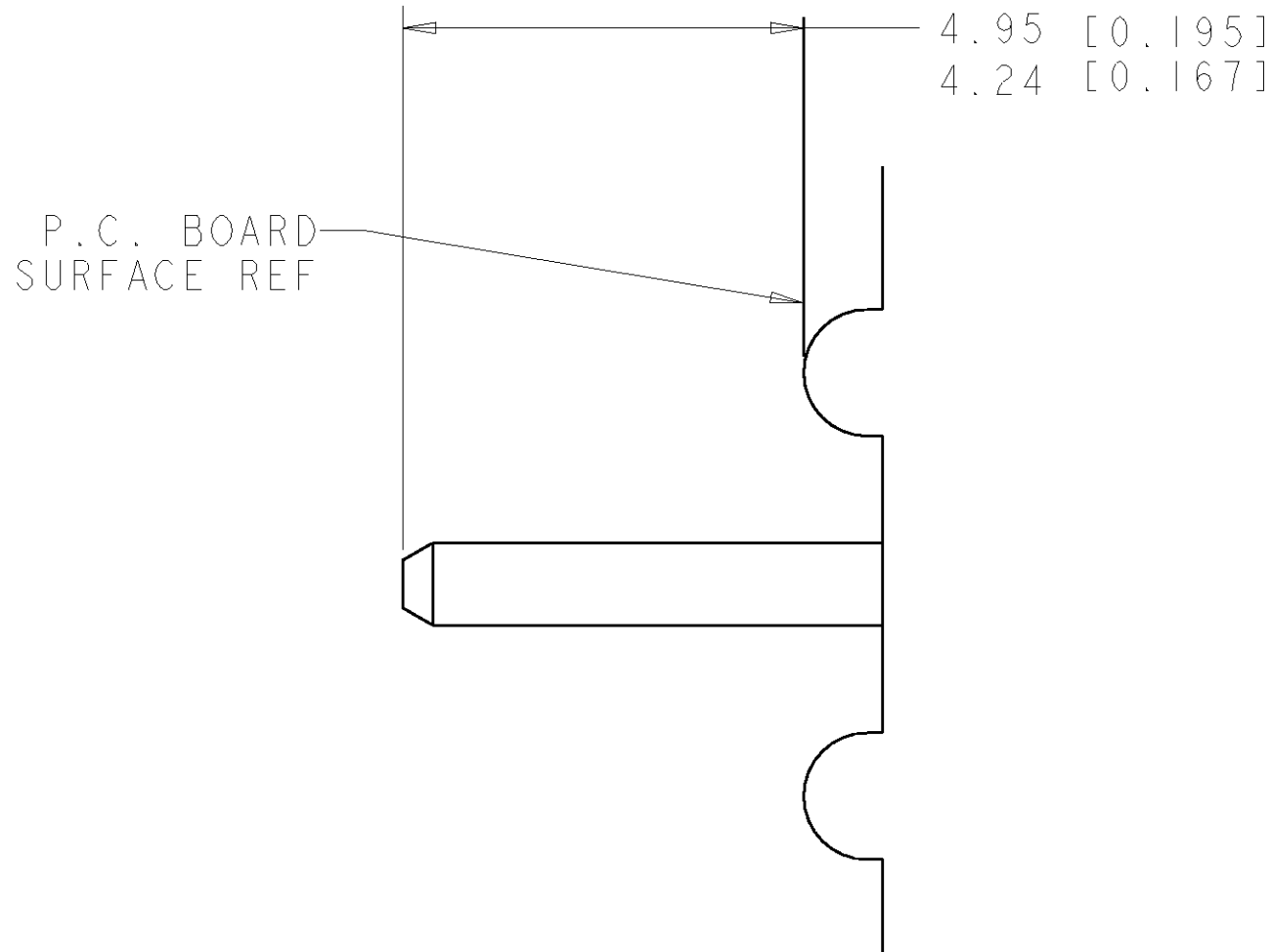
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP105	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP302	1	22	24	.64 SQ. [.025]	3 amps	2.50 [0.0984]	125
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

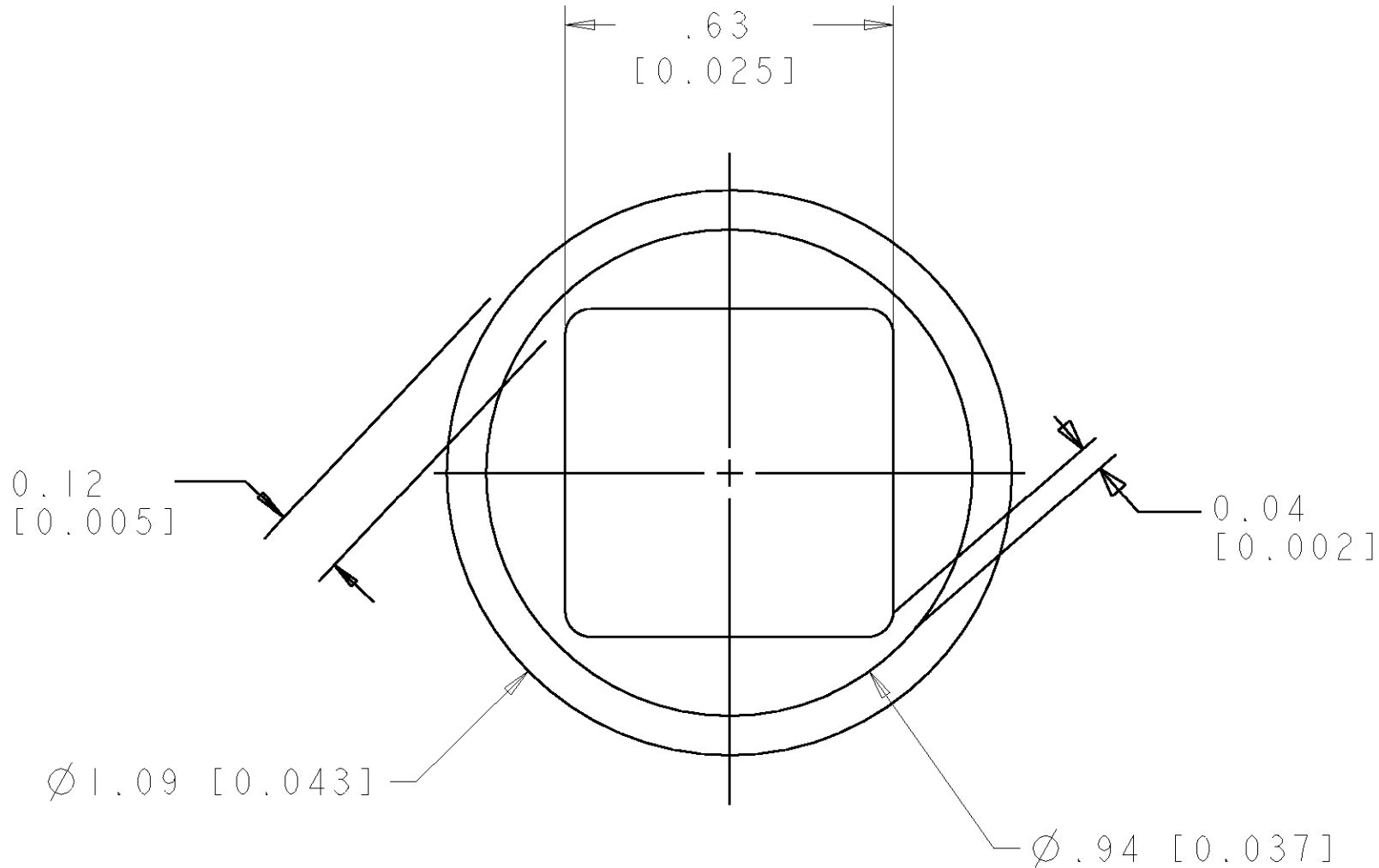
ELCON FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 01AUG06	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm[INCHES]		CHK D. ORRIS 01AUG06	NAME CONNECTOR, PIN, RIGHT ANGLE STANDARD, SOLDER TAILS FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 [.020] 1 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		APVD S. FLICKINGER 01AUG06	SIZE A200779	
MATERIAL -		PRODUCT SPEC -	CAGE CODE C-6646685	
		APPLICATION SPEC -	DRAWING NO. -	
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 3:1 SHEET 2 OF 3 REV A	

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



7. SOLDER TAIL DETAIL
SCALE 10 : 1



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

ELCON FLATPAQ

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DIMENSIONS: mm[INCHES]		CHK D.ORRIS 01AUG06	NAME CONNECTOR, PIN, RIGHT ANGLE STANDARD, SOLDER TAILS FLATPAQ			
		APVD S.FLICKINGER 01AUG06				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ±.5 [.020] 1 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		APPLICATION SPEC	A2	00779	G-6646685	-
MATERIAL		WEIGHT	CUSTOMER DRAWING			
-		-	SCALE	3:1	SHEET	3 OF 3
					REV	A