

4

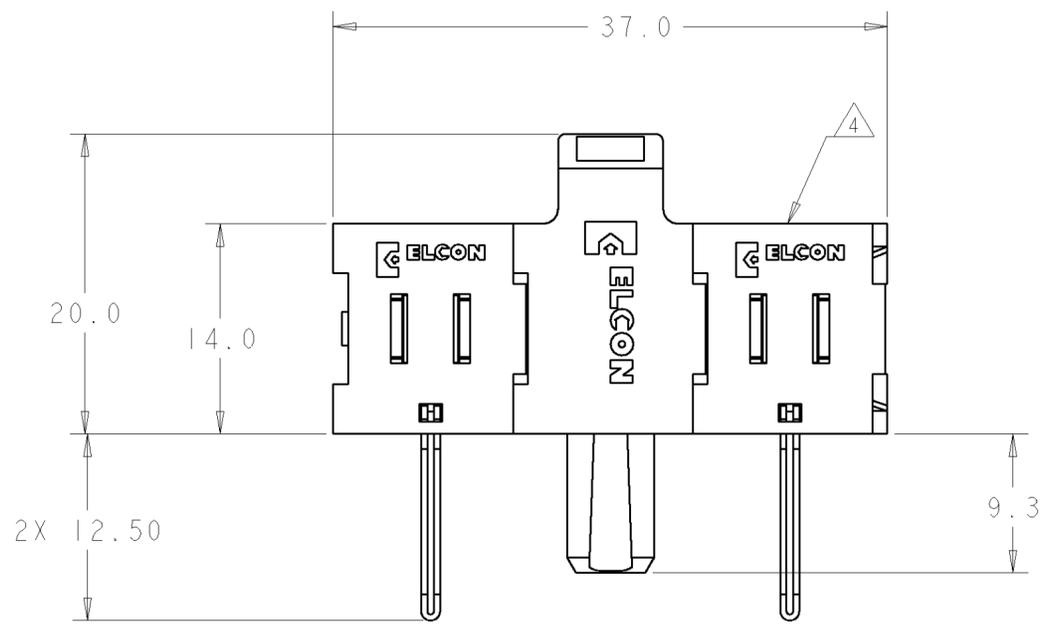
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1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	A	NEW RELEASE	23JUL2007	RG PD



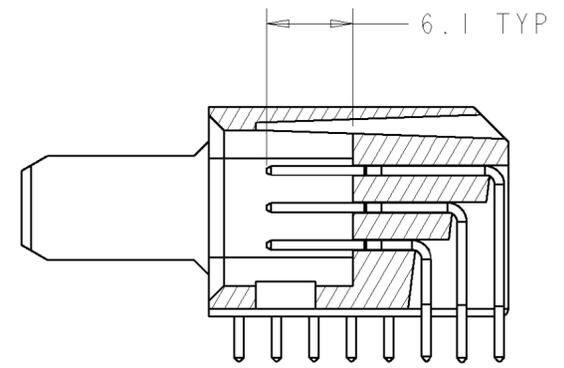
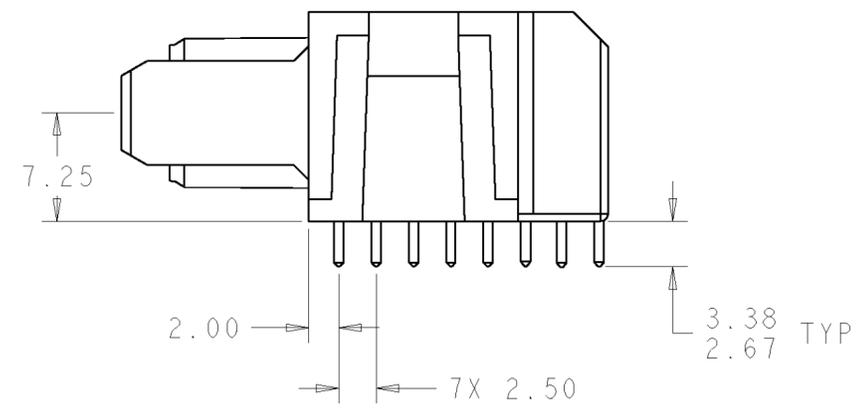
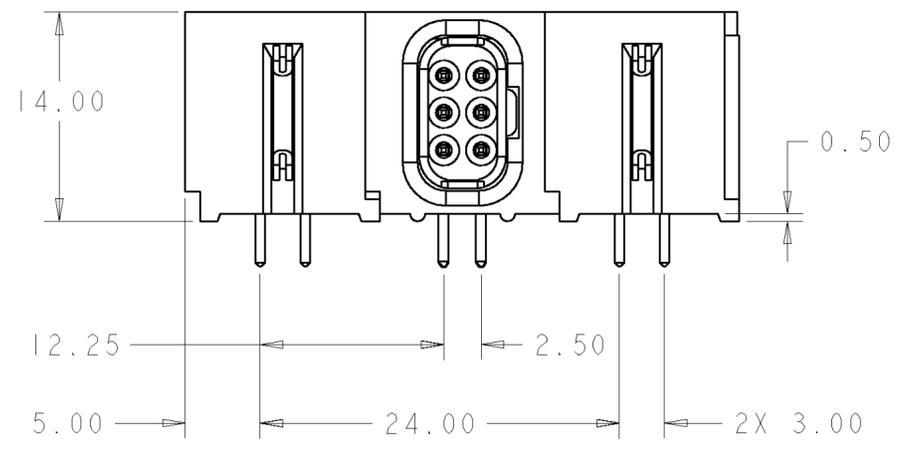
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL:
 INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
 UL94V-0 FLAMMABILITY RATED.
 SIGNAL CONTACTS: PHOSPHOR BRONZE ALLOY
 POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
 CROWN BANDS: BERYLLIUM COPPER ALLOY

3. FINISH:
 CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK.
 SOLDER TAILS, TIN 3.05µm MIN. THK. OVER NICKEL 1.27µm MIN. THK.

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

TYCO ELECTRONICS P/N: XXXXXXXX-X
 DATE CODE (e.g. 0106): YEAR WEEK



SECTION Z-Z
 GENDER CHANGER
 REMOVED FOR CLARITY

AS SHOWN	6646941-1
DESCRIPTION	PART NUMBER

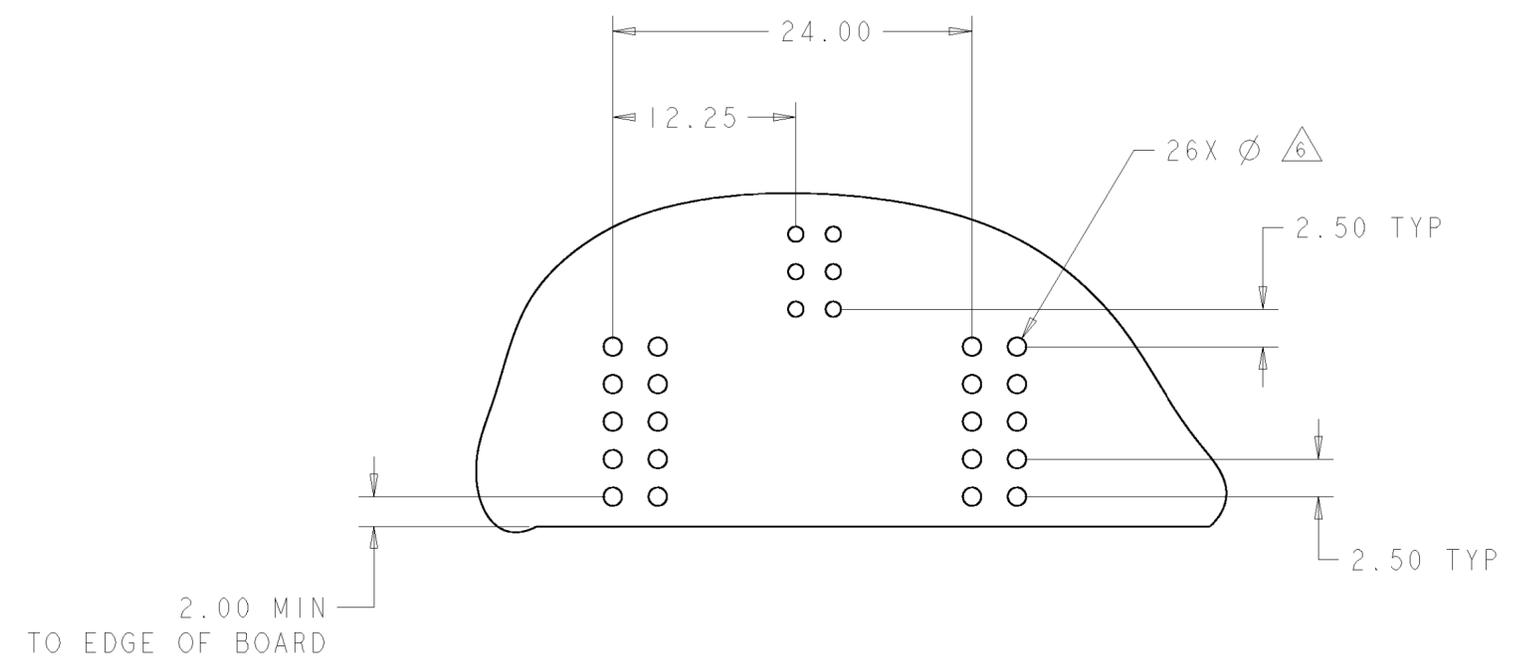
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN: R. GRZYBOWSKI 23JUL2007
DIMENSIONS: mm		CHK: P. DAMATO 23JUL2007
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. FLICKINGER 23JUL2007
0 PLC	±.5	PRODUCT SPEC
1 PLC	±.5	APPLICATION SPEC
2 PLC	±.25	WEIGHT
3 PLC	±.5	CUSTOMER DRAWING
4 PLC	±.5	
ANGLES	±1	
FINISH		

Tyco Electronics Harrisburg, PA 17105-3608	
NAME: SOCKET CONNECTOR, RIGHT ANGLE SOLDER TAIL FLATPAQ	
SIZE: A2	CAGE CODE: 00779
DRAWING NO: 6646941	RESTRICTED TO: -
SCALE: 3:1	SHEET 1 OF 3
REV: A	

ELCON FLATPAQ

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



PRINTED CIRCUIT LAYOUT
 COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP315	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125
	FP122	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250

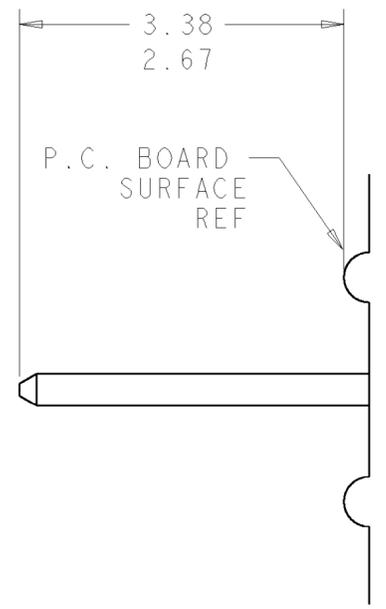
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DWN R. GRZYBOWSKI 23 JUL 2007	Tyco Electronics Harrisburg, PA 17105-3608		
CHK P. DAMATO 23 JUL 2007			
APVD S. FLICKINGER 23 JUL 2007			
NAME SOCKET CONNECTOR, RIGHT ANGLE SOLDER TAIL FLATPAQ			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±		
MATERIAL	FINISH		
DWN: R. GRZYBOWSKI, 23 JUL 2007 CHK: P. DAMATO, 23 JUL 2007 APVD: S. FLICKINGER, 23 JUL 2007 PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - CUSTOMER DRAWING			
SIZE: A2	CAGE CODE: 00779	DRAWING NO: 6646941	RESTRICTED TO: -
SCALE: 3:1		SHEET: 2 OF 3	REV: A

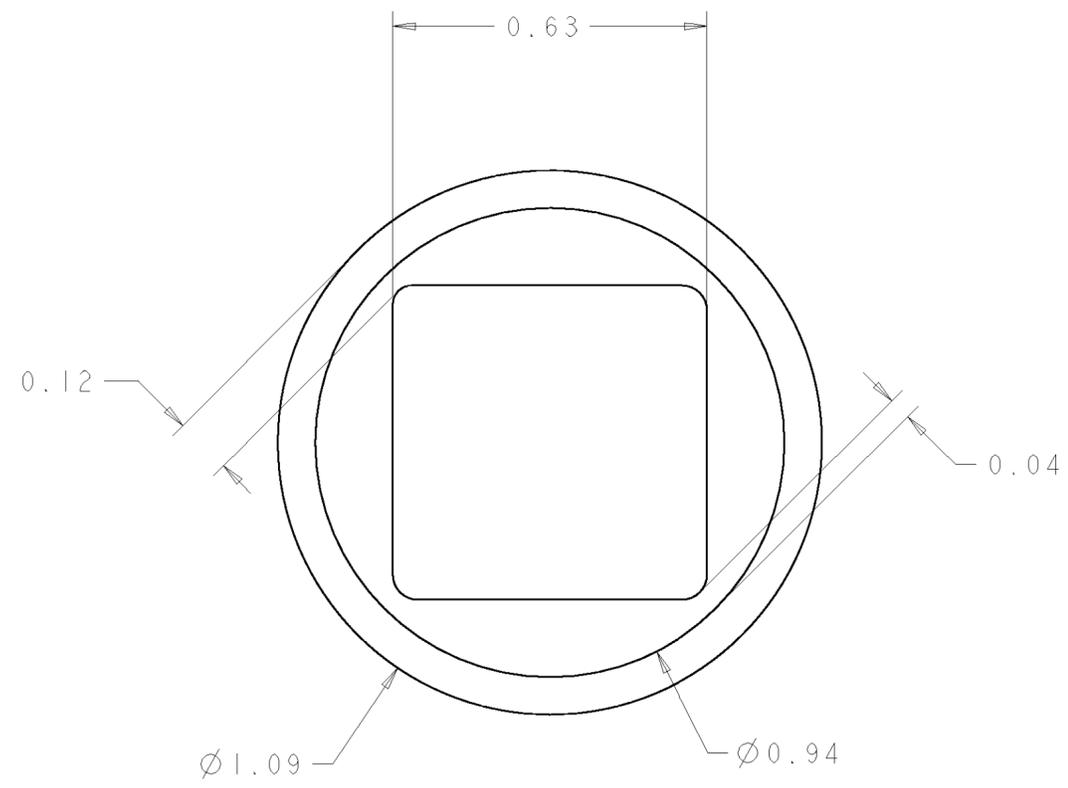
ELCON FLATPAQ

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



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

ELCON FLATPAQ

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DIMENSIONS: mm		CHK P. DAMATO 23 JUL 2007	NAME SOCKET CONNECTOR, RIGHT ANGLE SOLDER TAIL FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±1 FINISH		APVD S. FLICKINGER 23 JUL 2007	SIZE A200779	DRAWING NO G-6646941
MATERIAL		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	RESTRICTED TO -	SCALE 3:1 SHEET 3 OF 3 REV A
		CUSTOMER DRAWING		

Mouser Electronics

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[TE Connectivity:](#)

[6646941-1](#)