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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED AS PER ECR-25-235573	04AUG2025	PK	VNB

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
   SIGNAL CONTACTS - BRASS ALLOY
   CROWN BANDS: BERYLLIUM COPPER

   FINISH:
   CONTACT AREA - GOLD PLATE .000030" MIN. THK. OVER NICKEL .000050" MIN. THK. SOLDER TAILS, TIN .000100" MIN. THK OVER NICKEL .000050" MIN THK.

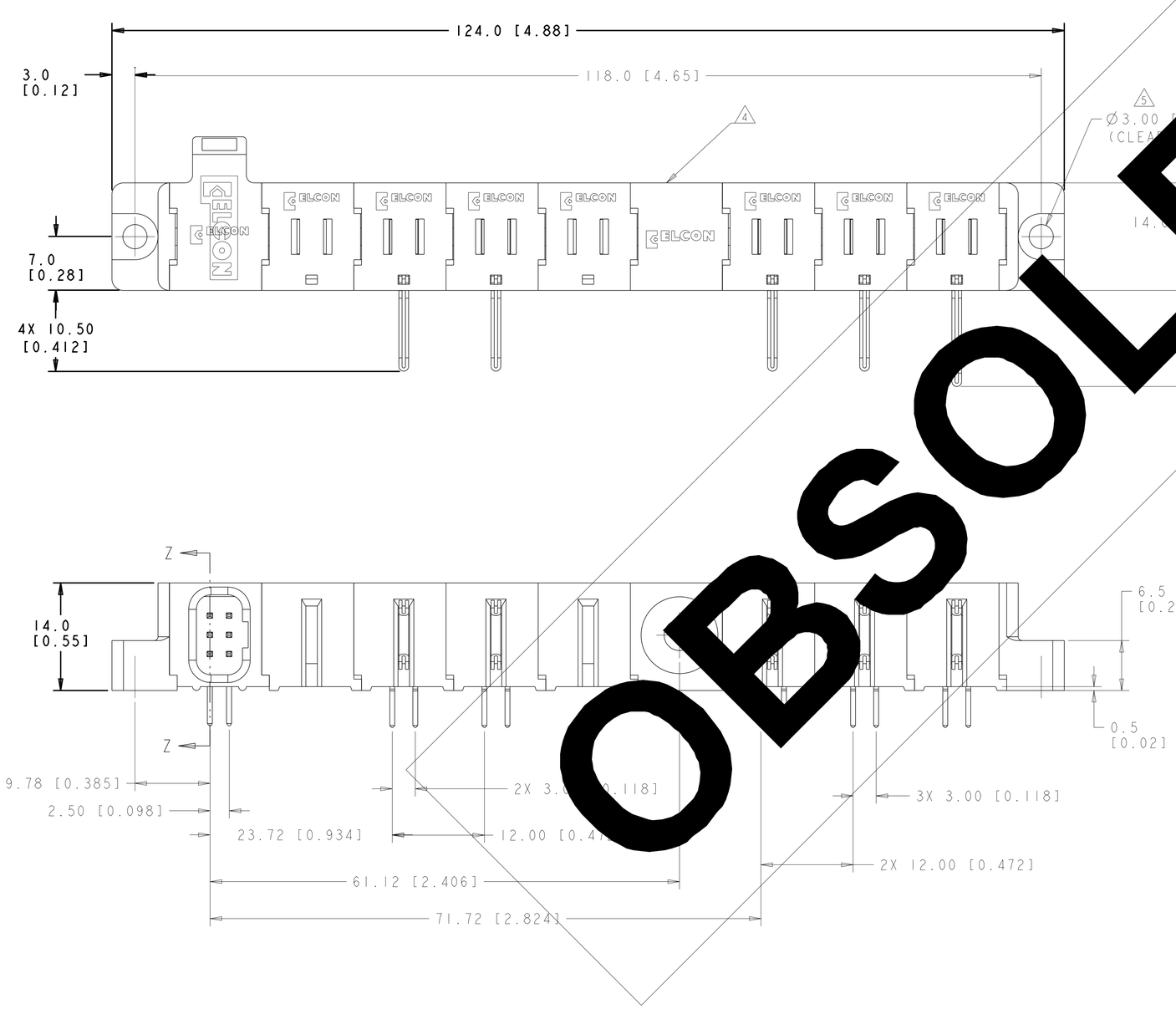
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

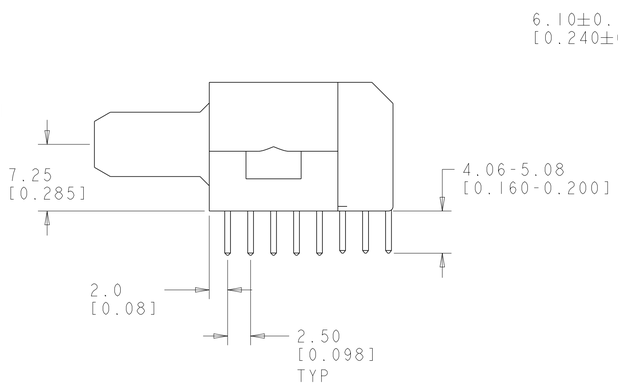
   YEAR ┐ ┌ WEEK

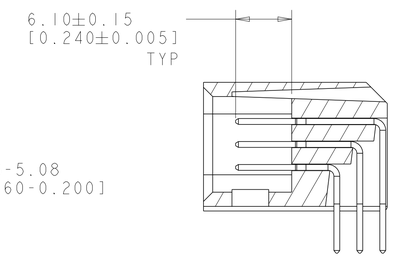
   TYCO PART NO. XXXXXXX-X DATE CODE XXXX (e.g. 0106)

5. MOUNTING FLANGES ACCEPT M3 OR N0.4 SCREWS, (USER SUPPLIED)

OBSOLETE







AS SHOWN	6646721-1
DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±.5

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 28NOV06
CHK S.FLICKINGER 28NOV06
APVD S.FLICKINGER 28NOV06
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE PIN CONNECTOR SOLDER TAILS AND LAYOUT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6646721	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 3 | REV A1

ELCON	FLATPAQ

4805 (3/13)

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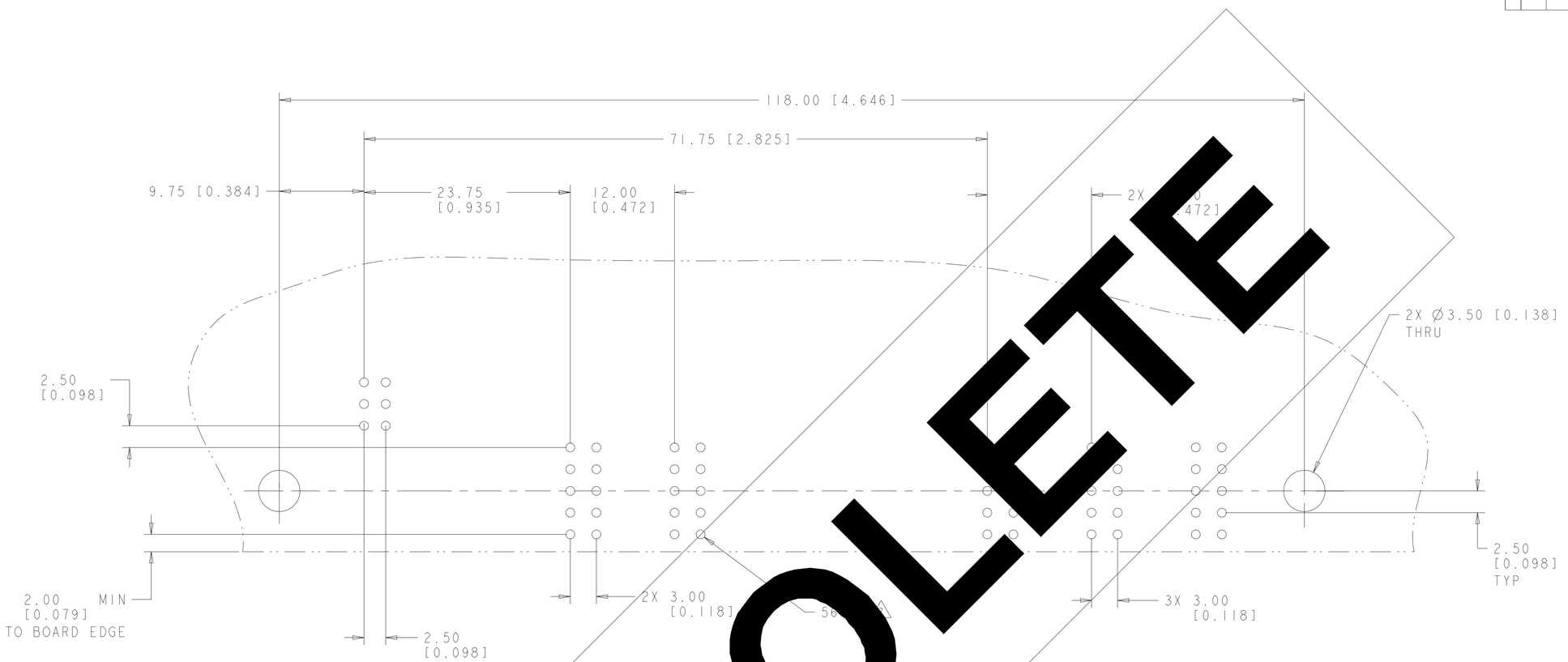
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP121	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [.472]	600
	FP120	2	-	-	BLANK MODULE			
	FP122	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [.472]	600
	FP314	1	22	6	.64 SQ. [.025]	3 amps	2.50 [.0984]	125
	FP0506	1	RIGHT ANGLE GUIDE SOCKET					
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±.5

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 28NOV06
CHK S.FLICKINGER 28NOV06
APVD S.FLICKINGER 28NOV06
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE PIN CONNECTOR SOLDER TAILS AND LAYOUT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6646721	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 3 | REV A1

ELCON | FLATPAQ

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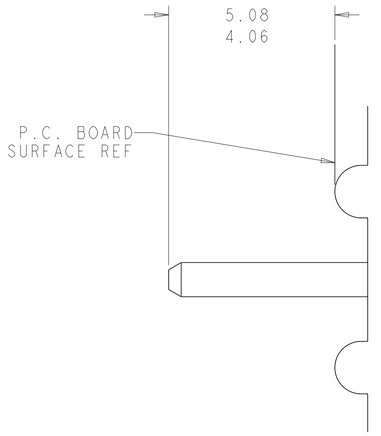
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



6. SOLDER TAIL DETAIL
SCALE 10 : 1



7 SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
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)

OBSOLETE

ELCON | FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 28NOV06	TE Connectivity		
DIMENSIONS: mm[INCHES]	CHK S.FLICKINGER 28NOV06			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±- 4 PLC ±- ANGLES ±.5	APVD S.FLICKINGER 28NOV06	NAME RIGHT ANGLE PIN CONNECTOR SOLDER TAILS AND LAYOUT		
	PRODUCT SPEC -			
	APPLICATION SPEC -	SIZE A1	CAGE CODE 00779	DRAWING NO C-6646721
MATERIAL - -	FINISH - -	WEIGHT -		RESTRICTED TO -
	CUSTOMER DRAWING	SCALE 3:1	SHEET 3 OF 3	REV A1