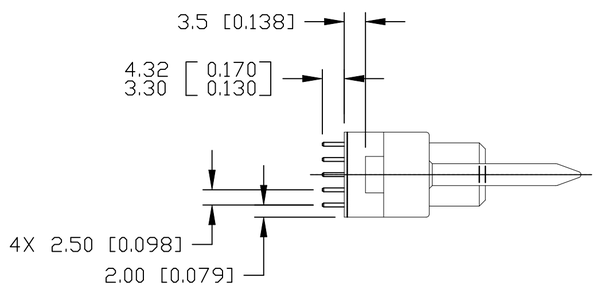
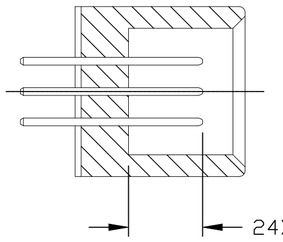
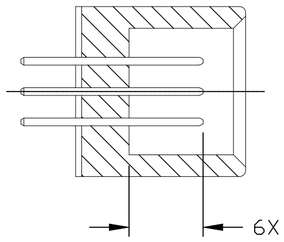
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED AS PER ECR-25-247570	24JUN2025	PK	VNB



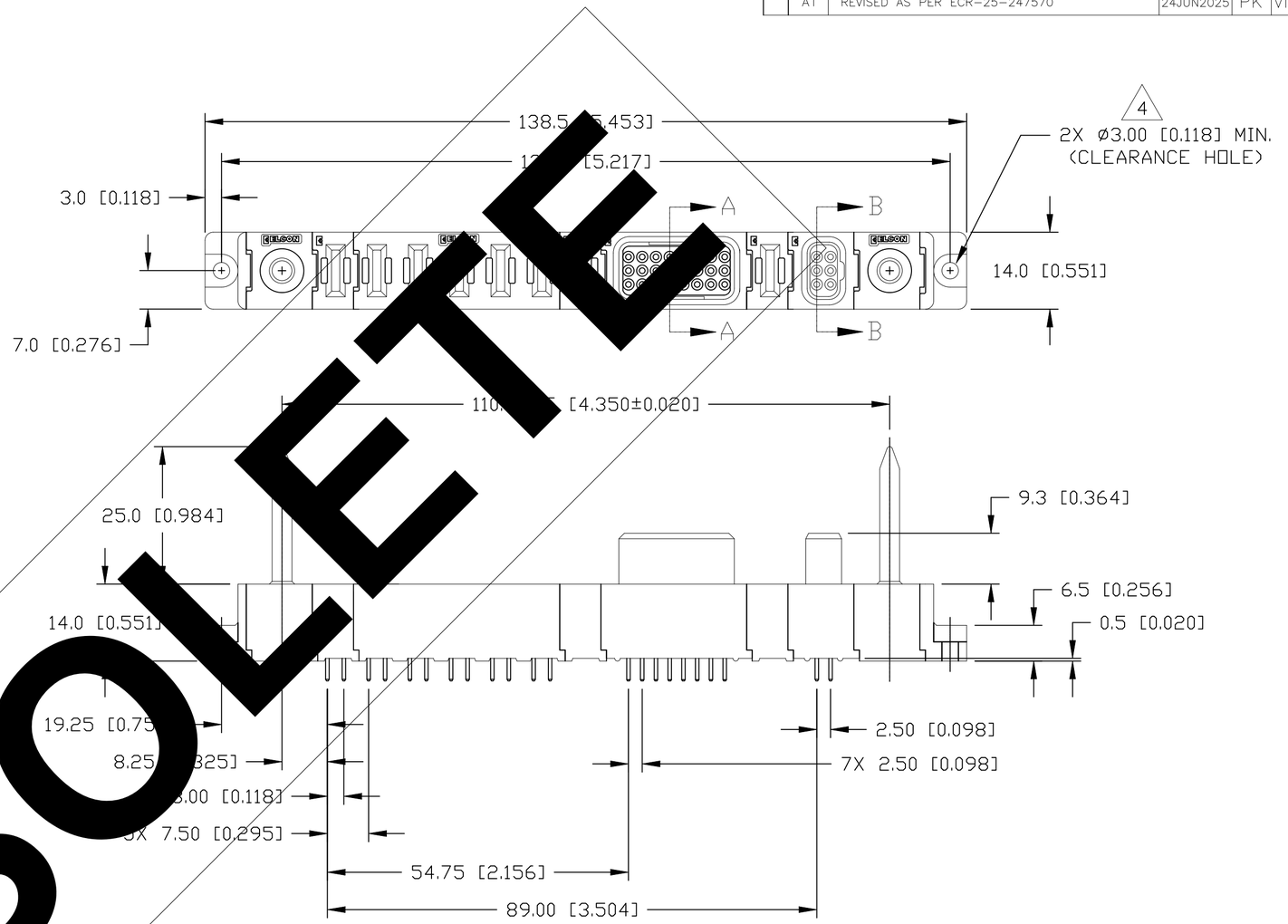


SECTION A-A



SECTION B-B

GENDER CHANGER NOT SHOWN FOR CLARITY



OBSOLETE

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APP[illegible]/AL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIALS:
   - INSULATORS: THERMOPLASTIC, GLASS REINFORCED [illegible] BLACK. UL94V-0 FLAMMABILITY RATED.
   - SOLDER SIGNAL PIN: BRASS ALLOY.
   - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.
   - CROWN BANDS: BERYLLIUM COPPER ALLOY.
   - GUIDE PIN: BRASS COPPER ALLOY.
3. FINISHES:
   - CONTACTS: GOLD PLATED 0.76um [illegible]N THK. OVE[illegible]ICKEL 1.27um MIN. THK.
     SOLDER TAILS, TIN [illegible]TED 3.05um M[illegible] THK. OVER NICKEL 1.27um MIN. THK.
   - GUIDE PIN: NICKEL PLATED 1.27um
4. MOUNTING FLANGES ACCEPT M3 OR #4-40 SCR[illegible], (USER SUPPLIED)
5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

   YEAR — WEEK

   TYCO ELECTRONICS P/N: XXXXXXX-X

   DATE CODE (e.g. 0413): XXXX

6. THIS CONNECTOR MATES WITH PIN CONNECTOR PN 6651981-1

AS SHOWN	6651982-1
DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± .5 [.02]
2 PLC ± .25 [.010]
3 PLC ± –
4 PLC ± –
ANGLES ± .5

MATERIAL: –
FINISH: –

DWN	24MAY2007	R.GRZYBOWSKI
CHK	24MAY07	P.DAMATO
APVD	24MAY07	S.FLICKINGER
PRODUCT SPEC		—
APPLICATION SPEC		—
WEIGHT		—

TE Connectivity Ltd.

NAME: SOCKET CONNECTOR STRAIGHT, SOLDER TAILS FLATPAQ

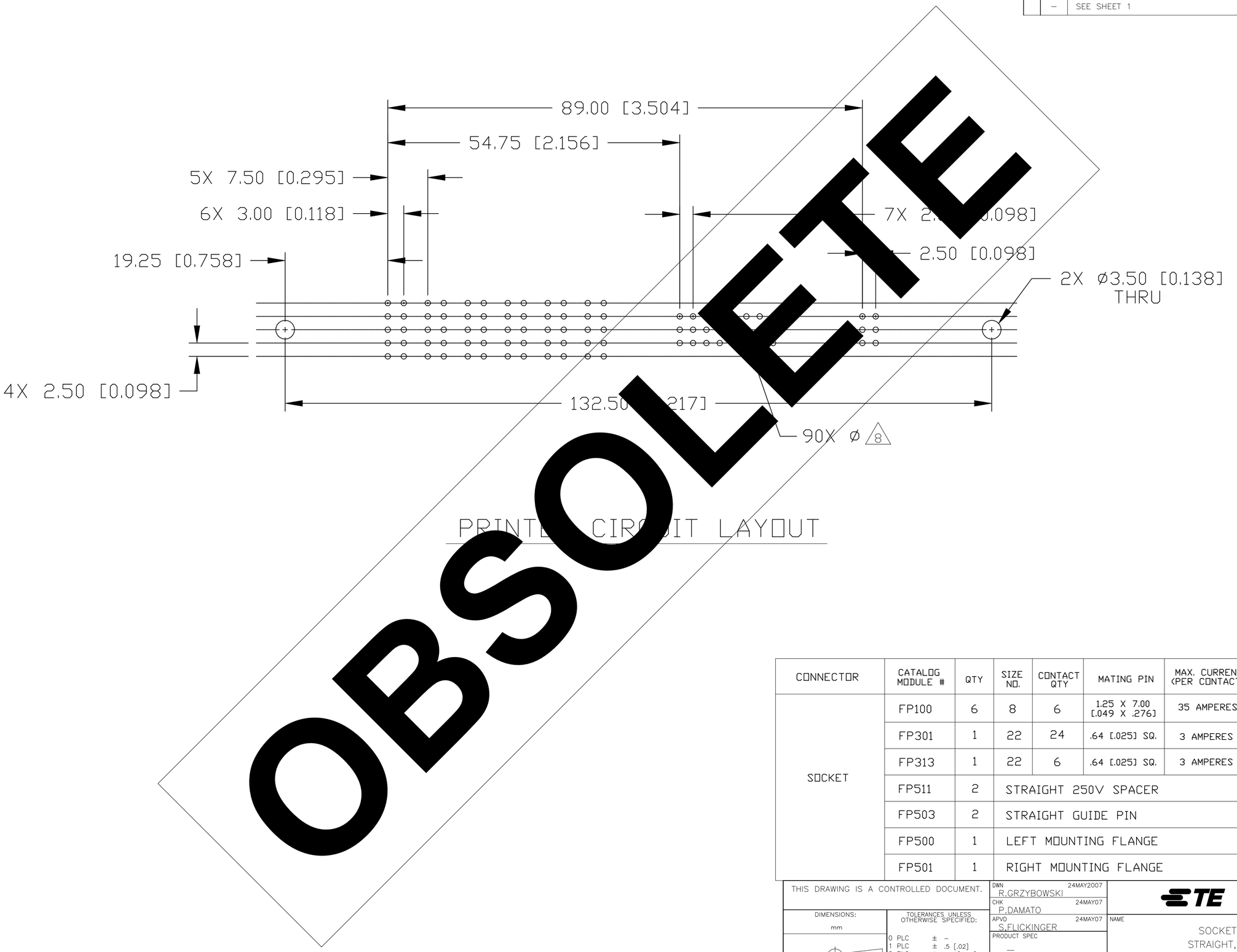
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-6651982	—

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

6651982

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



OBSOLETE

PRINTED CIRCUIT LAYOUT

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	FP100	6	8	6	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
	FP301	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
	FP313	1	22	6	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
	FP511	2	STRAIGHT 250V SPACER					
	FP503	2	STRAIGHT GUIDE PIN					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± .5 [.02]
2 PLC ± .25 [.010]
3 PLC ± –
4 PLC ± –
ANGLES ± .5

MATERIAL –

FINISH –

DWN R.GRZYBOWSKI 24MAY2007
CHK P.DAMATO 24MAY07
APVD S.FLICKINGER 24MAY07
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity Ltd.

NAME
SOCKET CONNECTOR
STRAIGHT, SOLDER TAILS
FLATPAQ

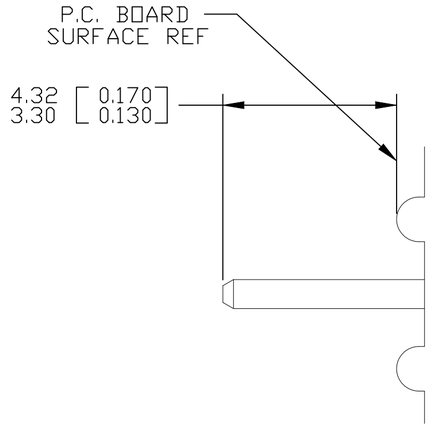
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-6651982	—

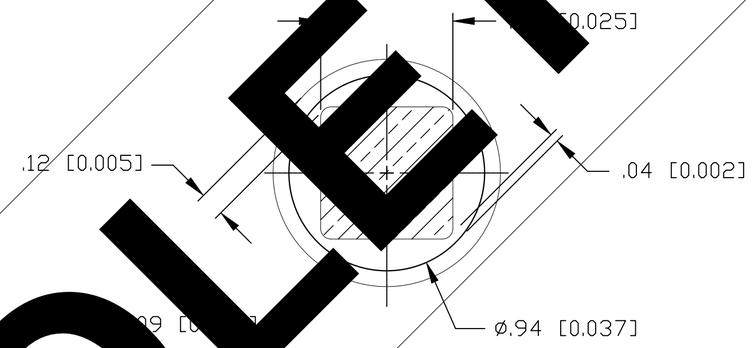
CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 3 | REV A1

6651982

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—





7. SOLDER PIN DETAIL

8 SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 24MAY2007	TE Connectivity Ltd.	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± .5 [.02] ; 2 PLC ± .25 [.010] ; 3 PLC ± – ; 4 PLC ± – ; ANGLES ± .5	CHK P.DAMATO 24MAY07	NAME SOCKET CONNECTOR STRAIGHT, SOLDER TAILS FLATPAQ
		APVD S.FLICKINGER 24MAY07	
		PRODUCT SPEC —	
		APPLICATION SPEC —	
MATERIAL –	FINISH –	WEIGHT —	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-6651982 / RESTRICTED TO —
		CUSTOMER DRAWING	SCALE 3:1 / SHEET 3 OF 3 / REV A1

6651982