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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E1	REVISED AS PER ECR-25-258317	150CT2025	PK	RGC

1. MATERIAL:
HOUSING: GLASS FILLED POLYESTER, COLOR: BLACK.
CONTACT: HIGH CONDUCTIVITY COPPER ALLOY
LATCH: GLASS FILLED POLYESTER, COLOR: BLACK

2. FINISH:
0.00038[.000015] MIN GOLD PLATE IN CONTACT AREA,
0.00254[.000100] MIN MATTE TIN ON SOLDER POSTS, ALL
OVER 0.00127[.000050] MIN NICKEL

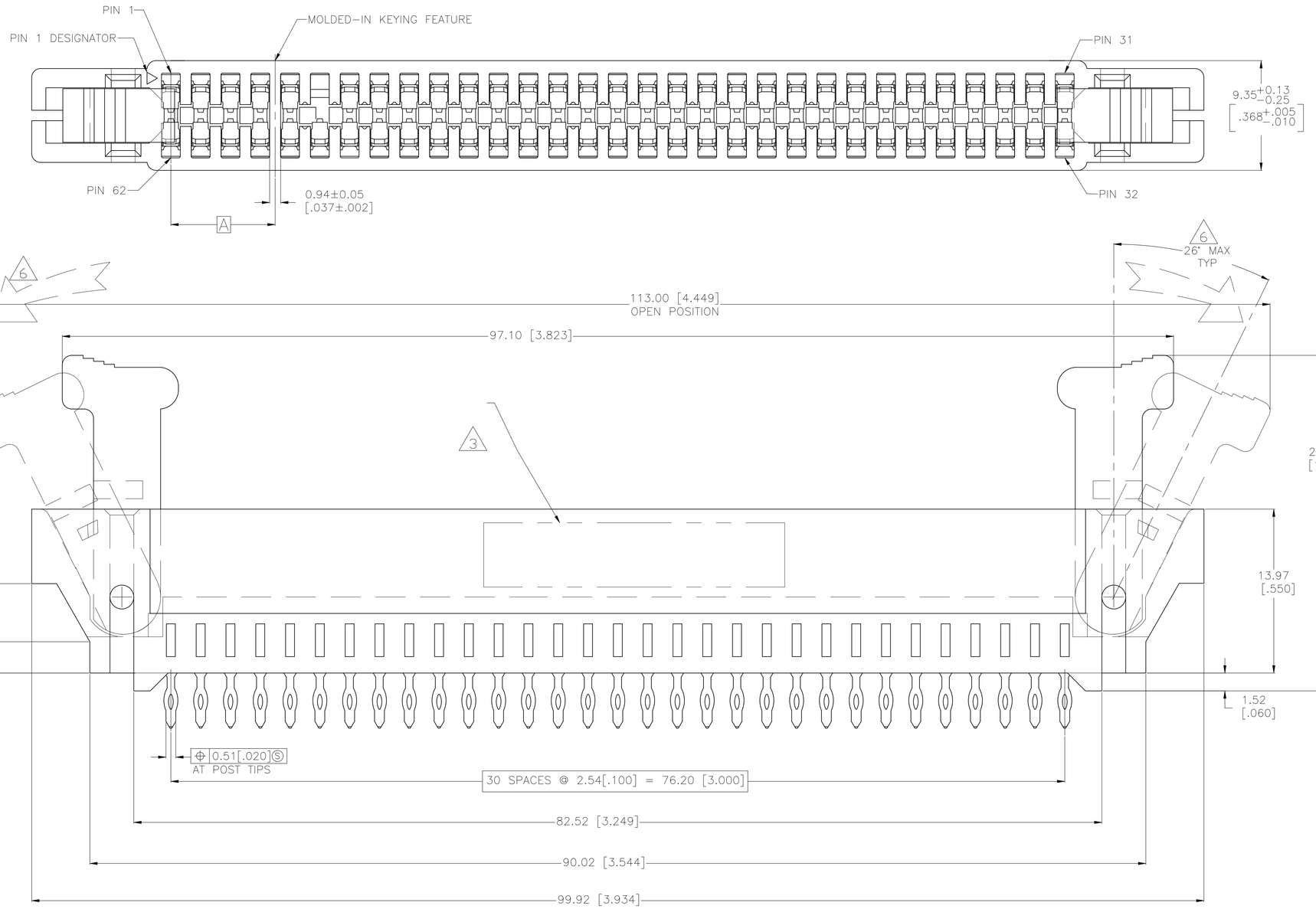
△3 AMP LOGO, TE PART NUMBER, DATE CODE AND CSA LOGO INK STAMPED WHITE (HOT STAMPED OR LAZER PRINTED) IN THE APPROXIMATE AREA SHOWN, EITHER SIDE PERMISSABLE, WHEN HOUSING SIZE PERMITS

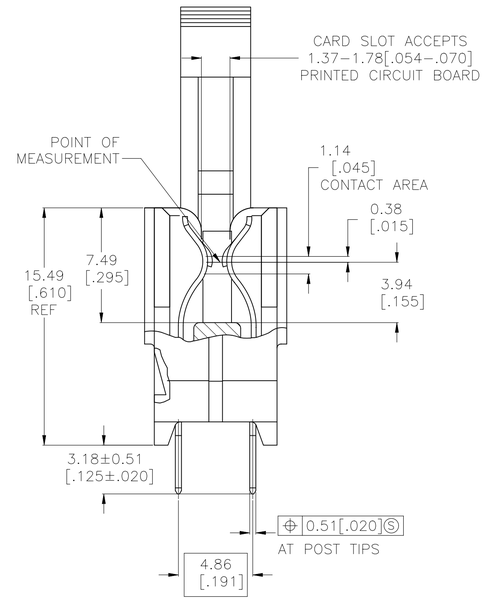
△4 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

5. CONNECTORS SHOWN ARE USED IN APPLICATIONS WITH VRM MODULES WEIGHING 3 OUNCES OR LESS. ALTERNATE CONNECTOR AND LATCH METHOD IS AVAILABLE FOR VRM MODULES WEIGHING UP TO 6 OUNCES.

△6 **CAUTION:** LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR, DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES. DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR

△7 RECOMMENDED FINISHED HOLE SIZES:
TIN PLATED HOLE – Ø1.02±0.08[Ø.040±.003]
GOLD PLATED – Ø1.07±0.05[Ø.042±.002]





PART NUMBER
~~6489651–4~~ OBSOLETE
~~6489651–3~~ OBSOLETE

PART NUMBER	OMIT PIN AND HOLE	MOLDED KEY BETWEEN PINS	RETENTION LOCATION	NO OF DUAL POSN	VRM DESIGNATION	A	B	C
~~6489651–2~~ OBSOLETE	6	4,5	2,3,29,30, 33,34,60,61	31	~~9.1,+48v~~ 9.1,+48v	8.89 [.350]	11.18 [.440]	69.67 [2.743]
6489651–1		12,13			9.1,+12v	29.21 [1.150]	31.50 [1.240]	49.35 [1.943]

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.13[.005]
3 PLC ± –
4 PLC ± –
ANGLES ± 2°

MATERIAL: SEE NOTE 1
FINISH: SEE NOTE 2

DWN AWF/L.A.MAYER 04MAR2008
CHK A.W.FRANTUM 04MAR2008
APVD S.FLICKINGER 04MAR2008
PRODUCT SPEC 108-9039-2
APPLICATION SPEC 114-13018
WEIGHT –

TE Connectivity Ltd.

NAME
CONNECTOR ASSEMBLY,
HIGH CURRENT CARD EDGE,
DUAL POSITION, 2.54[.100] CENTERLINE

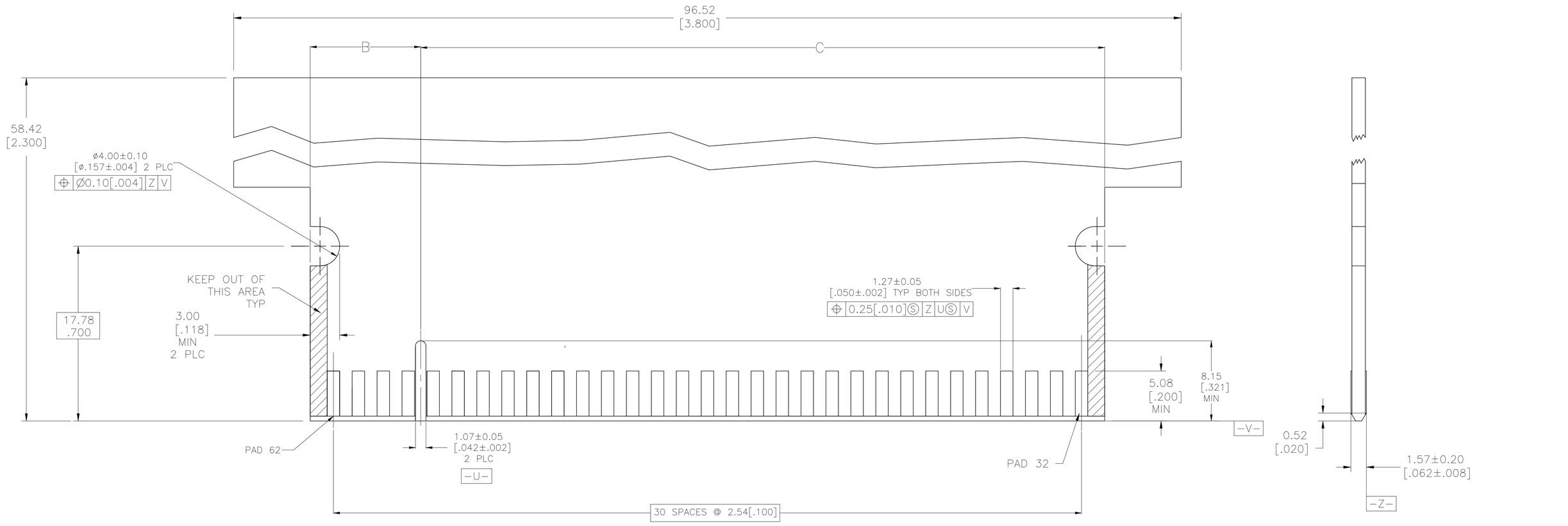
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	Ⓒ-6489651	–

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 3 | REV E1

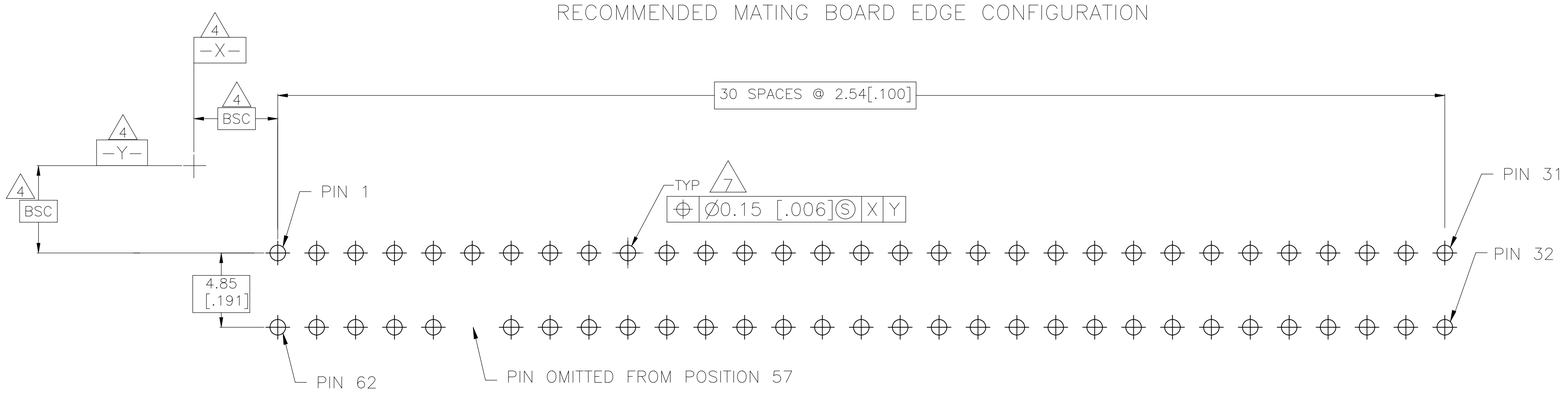
4805 (1/15)

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



RECOMMENDED MATING BOARD EDGE CONFIGURATION



RECOMMENDED PC BOARD HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN AWF/L.A.MAYER 04MAR2008	TE Connectivity Ltd.
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 0.13[.005] 3 PLC ± 4 PLC ± ANGLES ± 2°	CHK A.W.FRANTUM 04MAR2008	NAME CONNECTOR ASSEMBLY, HIGH CURRENT CARD EDGE, DUAL POSITION, 2.54[.100] CENTERLINE
		APVD S.FLICKINGER 04MAR2008	
		PRODUCT SPEC 108–9039–2	
		APPLICATION SPEC 114–13018	SIZE A1 / CAGE CODE 00779 / DRAWING NO C–6489651 / RESTRICTED TO –
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2	WEIGHT	
		CUSTOMER DRAWING	SCALE 5:1 / SHEET 2 OF 3 / REV E1