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LOC	DIST
AA	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	ECO-08-016953	7AUG08	RG	AWF

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

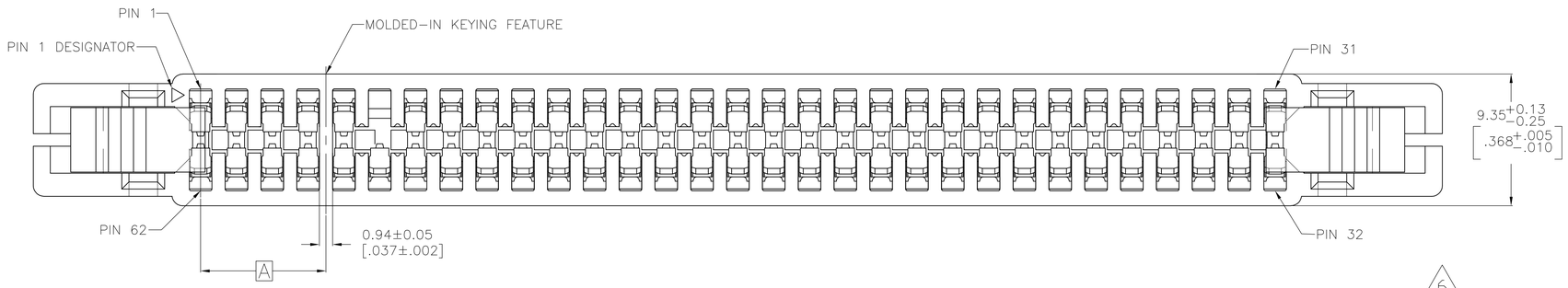
△3 AMP LOGO, TE PART NUMBER, DATE CODE AND CSA LOGO INK STAMPED WHITE (HOT STAMPED OR LAZER PRINTED) IN THE APPROXIMATE AREA SHOWN, EITHER SIDE PERMISSABLE, WHEN HOUSING SIZE PERMITS

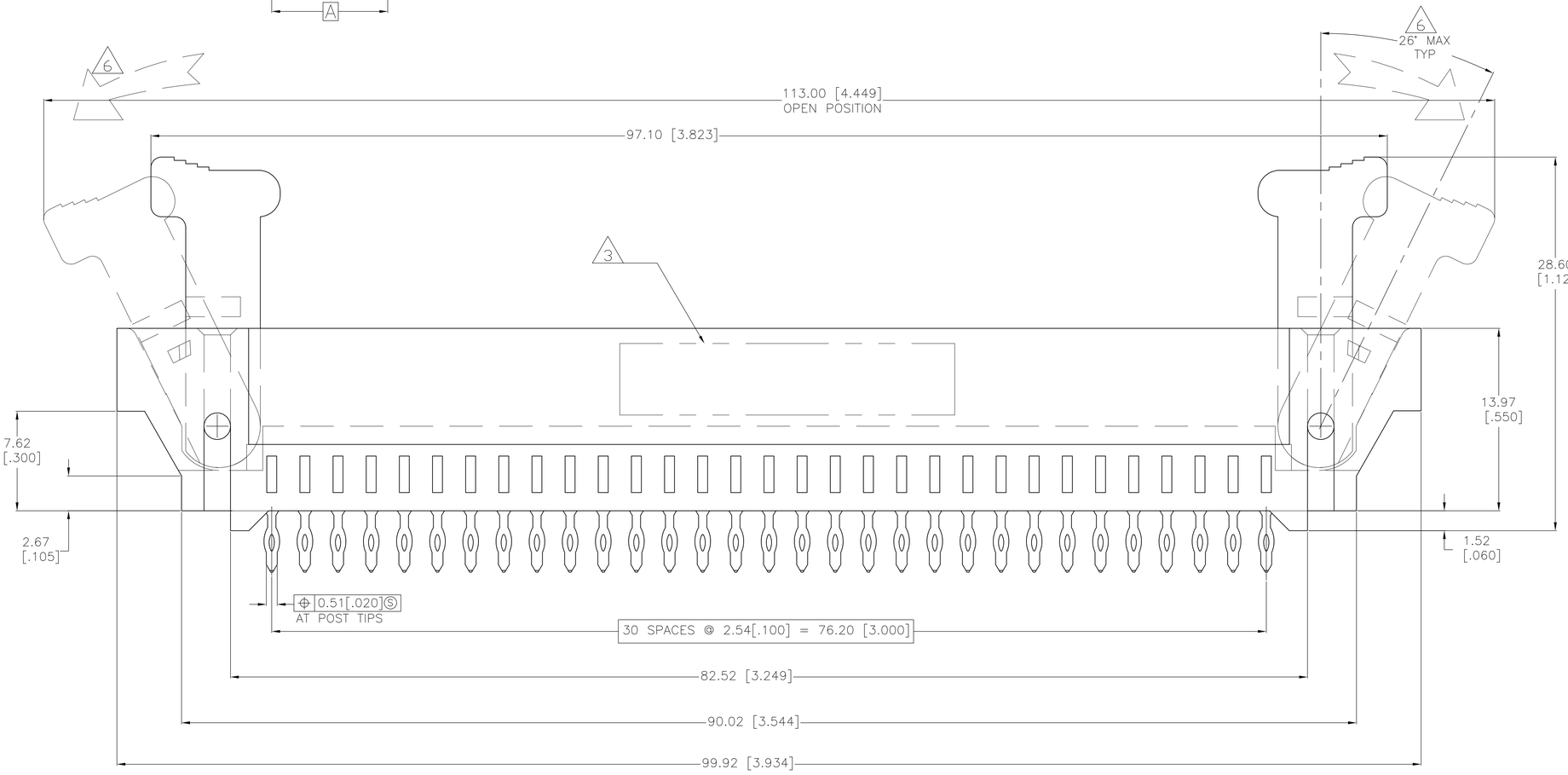
△4 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

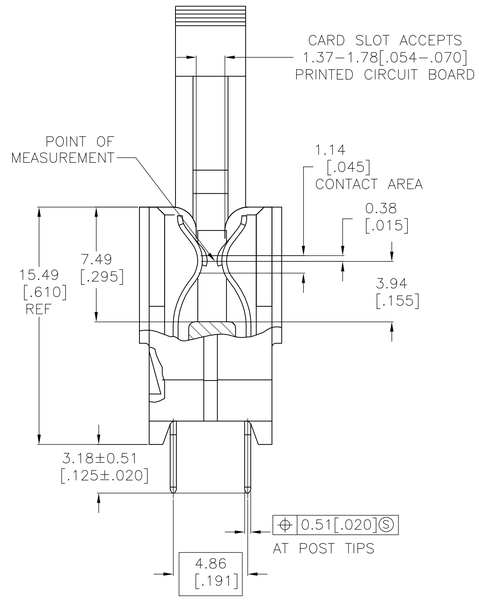
5. CONNECTORS SHOWN ARE USED IN APPLICATIONS WITH VRM MODULES WEIGHING 3 OUNCES OR LESS. ALTERNATE CONNECTOR AND LATCH METHOD IS AVAILABLE FOR VRM MODULES WEIGHING UP TO 6 OUNCES.

△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]







OBSOLETE	6489651-4
OBSOLETE	6489651-3
	PART NUMBER

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

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 –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

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

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

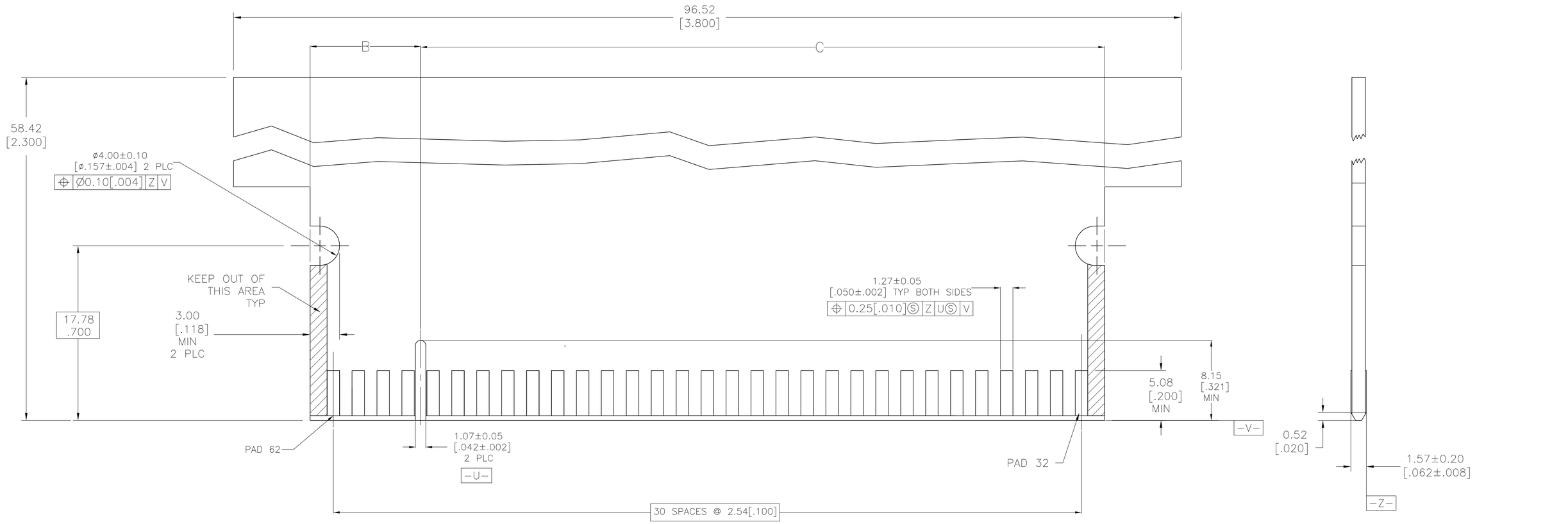
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 2 | REV E

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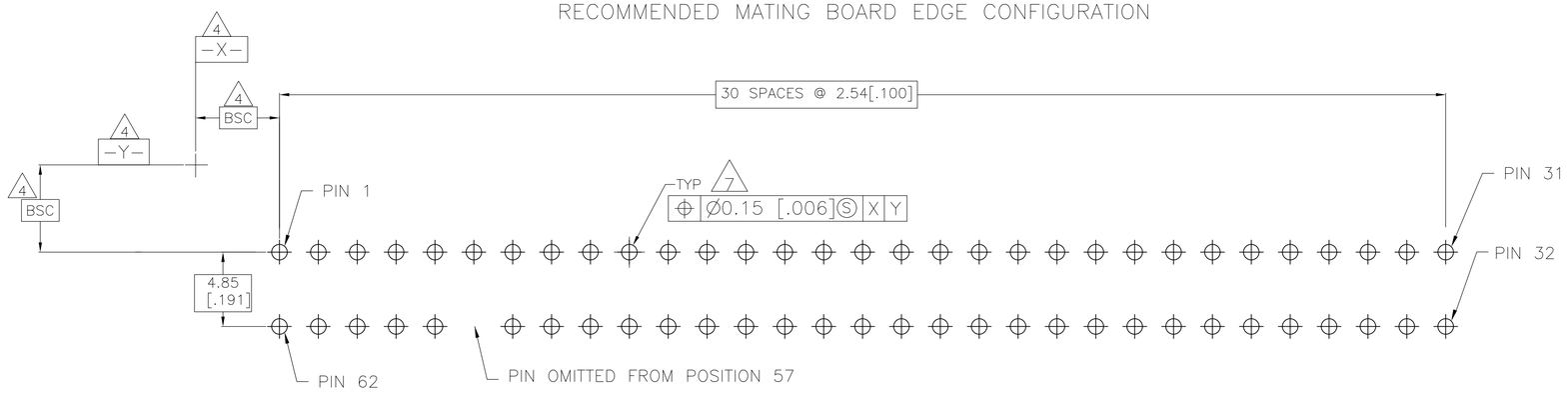
LOC	DIST
AA	00

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	Tyco Electronics	Tyco Electronics Corporation, Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]	CHK A.W.FRANTUM 04MAR2008		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±, 2 PLC ± 0.13[.005], 3 PLC ±, 4 PLC ±, ANGLES ± 2°	APVD S.FLICKINGER 04MAR2008	NAME	CONNECTOR ASSEMBLY, HIGH CURRENT CARD EDGE, DUAL POSITION, 2.54[.100] CENTERLINE
	PRODUCT SPEC 108-9039-2		
	APPLICATION SPEC 114-13018	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-6489651	RESTRICTED TO —
MATERIAL SEE NOTE 1	WEIGHT	SCALE 5:1	SHEET 2 OF 2
FINISH SEE NOTE 2	CUSTOMER DRAWING		REV E

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

SBCHE154R7K SMW73R0JT TE50BR39J 1-962915-1 1969656-1 RH73H2A40MKTN 141991-2
650075-000 1743455-2 175977-2 U5254-000005-030PA 1-794222-0 1903112-2 3-1393225-0 917696-1
CPF0402B37K4E1 CRGCQ2010J3K3 2-292161-3 2377783-2 1393431-1 2005330-1 3430B2F51RTDF
936348-1 ROX05SJ18R 2310537-1 2380312-2 2834055-1 3631B101LL MPT100C18RF SBCHE64R7K