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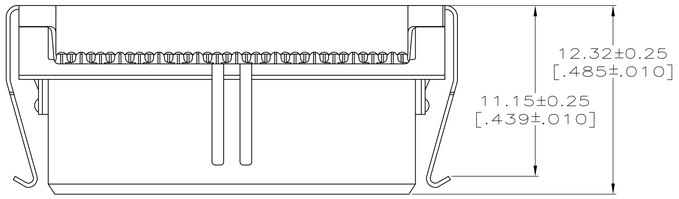
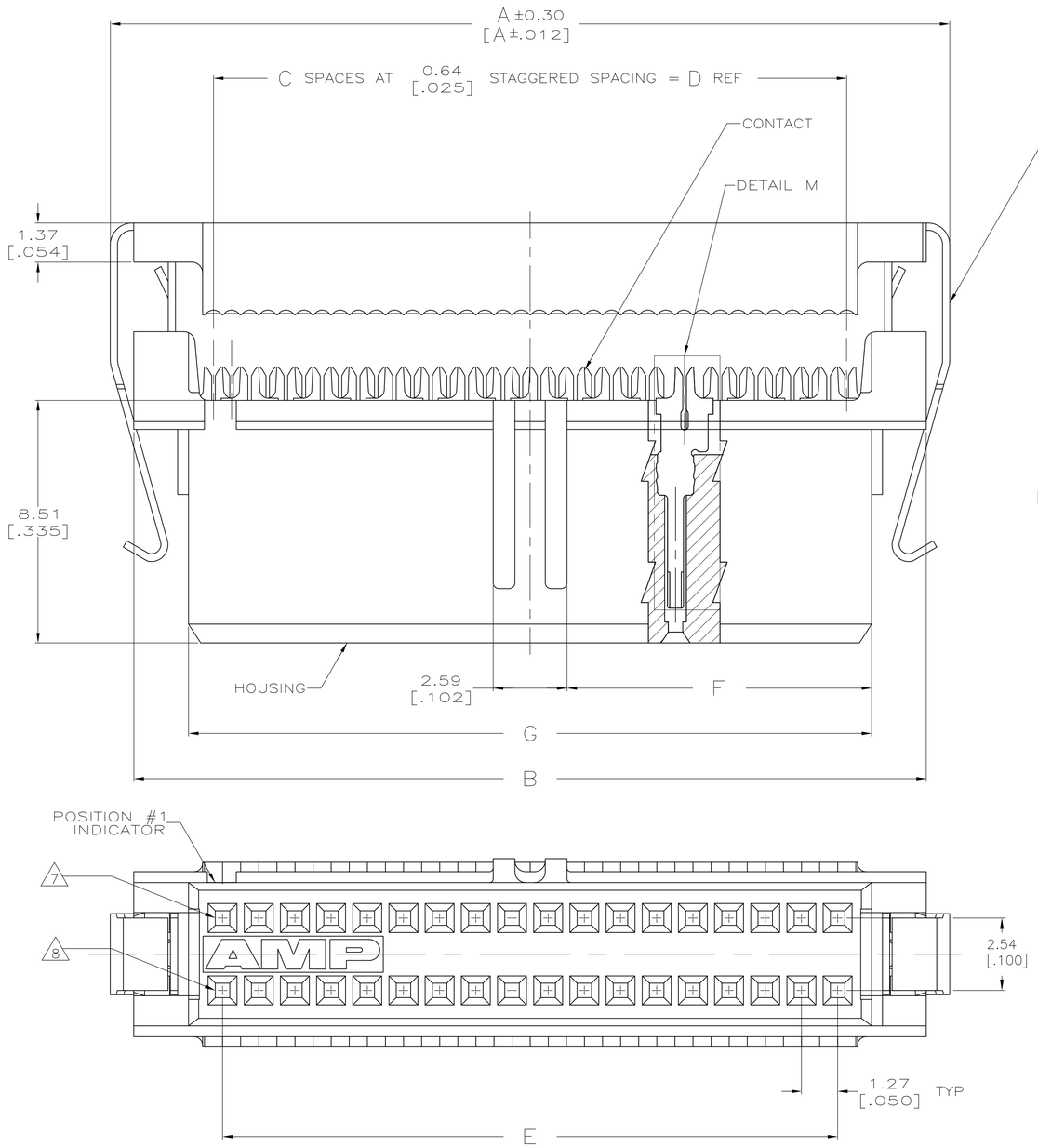
LOC	DIST
GP	00

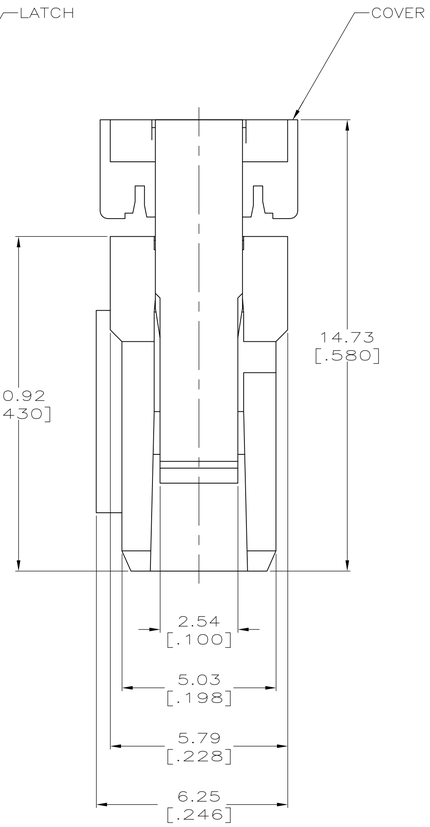
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	N1	ECR-15-014920 (Change tolerance for DIM A)	23SEP2015	I.T	W.H

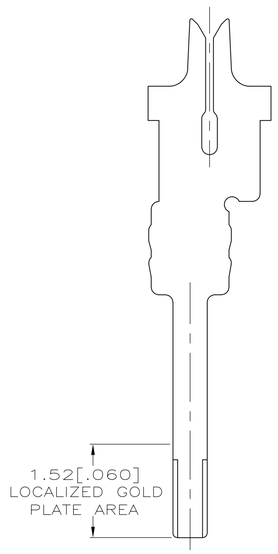


TERMINATED VIEW
SCALE 5:1





BEFORE TERMINATION



DETAIL M
SCALE 20:1
TYPICAL

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009	DWN J. GERACE 20JUL04	TE Connectivity	
DIMENSIONS: mm [INCHES]	CHK C. ROHDE 20JUL04	NAME	AMP-LATCH™ SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025]℄ IDC
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± 0.13[.005] 3 PLC ± – 4 PLC ± – ANGLES ± –	APVD M. WALMSLEY 20JUL04	PRODUCT SPEC 108-1109	
		APPLICATION SPEC 114-25029	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-111196 / RESTRICTED TO –
MATERIAL SEE SHEET 2	FINISH SEE SHEET 2	WEIGHT –	SCALE 10:1 / SHEET 1 OF 2 / REV N1
		CUSTOMER DRAWING	

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LOC	DIST
GP	00

REVISIONS

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

△1 HOUSING MATERIAL: UL RATED 94V–0 LCP THERMOPLASTIC, COLOR–BLACK.
COVER MATERIAL: UL RATED 94V–0 POLYESTER OR POLYAMIDE MOLDING COMPOUND, COLOR–BLACK.

△2 CONTACT MATERIAL: COPPER ALLOY.

△3 LATCH MATERIAL: STAINLESS STEEL.

△4 CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254–0.00508 [.000100–.000200] THICK BRIGHT TIN OR BRIGHT TIN–LEAD ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

5. MATES WITH 0.38 [.015] SQUARE OR ROUND POSTS, 3.18±0.10 [.125±.004] LONG, ON 1.27 [.050] × 2.54 [.100] GRID.

△6 CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254–0.00508 [.000100–.000200] THICK TIN ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

△7 POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW.

△8 POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW.

		G	F	E	D	C	B	A	POSN	
	△6	44.30 [1.744]	20.85 [.821]	41.91 [1.650]	42.54 [1.675]	67	48.13 [1.895]	49.78 [1.960]	68	3–111196–4
	△6	51.92 [2.044]	24.66 [.971]	49.53 [1.950]	50.16 [1.975]	79	55.75 [2.195]	57.40 [2.260]	80	3–111196–3
	△6	41.76 [1.644]	19.58 [.771]	39.37 [1.550]	40.00 [1.575]	63	45.59 [1.795]	47.24 [1.860]	64	3–111196–2
	△6	29.06 [1.144]	13.23 [.521]	26.67 [1.050]	27.30 [1.075]	43	32.89 [1.295]	34.54 [1.360]	44	3–111196–1
	△6	22.71 [.894]	10.06 [.396]	20.32 [.800]	20.96 [.825]	33	26.54 [1.045]	28.19 [1.110]	34	3–111196–0
	△6	17.63 [.694]	7.52 [.296]	15.24 [.600]	15.88 [.625]	25	21.46 [.845]	23.11 [.910]	26	2–111196–9
	△6	16.36 [.644]	6.88 [.271]	13.97 [.550]	14.60 [.575]	23	20.19 [.795]	21.84 [.860]	24	2–111196–8
	△6	11.28 [.444]	4.34 [.171]	8.89 [.350]	9.52 [.375]	15	15.11 [.595]	16.76 [.660]	16	2–111196–7
	△6	10.01 [.394]	3.71 [.146]	7.62 [.300]	8.26 [.325]	13	13.84 [.545]	15.49 [.610]	14	2–111196–6
	△6	7.47 [.294]	2.44 [.096]	5.08 [.200]	5.72 [.225]	9	11.30 [.445]	12.95 [.510]	10	2–111196–5
	△6	64.62 [2.544]	31.01 [1.221]	62.23 [2.450]	62.86 [2.475]	99	68.45 [2.695]	70.10 [2.760]	100	2–111196–4
	△6	46.84 [1.844]	22.12 [.871]	44.45 [1.750]	45.08 [1.775]	71	50.67 [1.995]	52.32 [2.060]	72	2–111196–3
	△6	39.22 [1.544]	18.31 [.721]	36.83 [1.450]	37.46 [1.475]	59	43.05 [1.695]	44.70 [1.760]	60	2–111196–2
	△6	32.87 [1.294]	15.14 [.596]	30.48 [1.200]	31.12 [1.225]	49	36.70 [1.445]	38.35 [1.510]	50	2–111196–1
	△6	26.52 [1.044]	11.96 [.471]	24.13 [.950]	24.76 [.975]	39	30.35 [1.195]	32.00 [1.260]	40	2–111196–0
	△6	20.17 [.794]	8.79 [.346]	17.78 [.700]	18.42 [.725]	29	24.00 [.945]	25.65 [1.010]	30	1–111196–9
	△6	13.82 [.544]	5.61 [.221]	11.43 [.450]	12.06 [.475]	19	17.65 [.695]	19.30 [.760]	20	1–111196–8
OBSOLETE	△4	44.30 [1.744]	20.85 [.821]	41.91 [1.650]	42.54 [1.675]	67	48.13 [1.895]	49.78 [1.960]	68	1–111196–7
	△4	64.62 [2.544]	31.01 [1.221]	62.23 [2.450]	62.86 [2.475]	99	68.45 [2.695]	70.10 [2.760]	100	1–111196–6
	△4	51.92 [2.044]	24.66 [.971]	49.53 [1.950]	50.16 [1.975]	79	55.75 [2.195]	57.40 [2.260]	80	1–111196–5
OBSOLETE	△4	46.84 [1.844]	22.12 [.871]	44.45 [1.750]	45.08 [1.775]	71	50.67 [1.995]	52.32 [2.060]	72	1–111196–4
	△4	41.76 [1.644]	19.58 [.771]	39.37 [1.550]	40.00 [1.575]	63	45.59 [1.795]	47.24 [1.860]	64	1–111196–3
	△4	39.22 [1.544]	18.31 [.721]	36.83 [1.450]	37.46 [1.475]	59	43.05 [1.695]	44.70 [1.760]	60	1–111196–2
	△4	32.87 [1.294]	15.14 [.596]	30.48 [1.200]	31.12 [1.225]	49	36.70 [1.445]	38.35 [1.510]	50	1–111196–1
	△4	29.06 [1.144]	13.23 [.521]	26.67 [1.050]	27.30 [1.075]	43	32.89 [1.295]	34.54 [1.360]	44	1–111196–0
	△4	26.52 [1.044]	11.96 [.471]	24.13 [.950]	24.76 [.975]	39	30.35 [1.195]	32.00 [1.260]	40	111196–9
OBSOLETE	△4	22.71 [.894]	10.06 [.396]	20.32 [.800]	20.96 [.825]	33	26.54 [1.045]	28.19 [1.110]	34	111196–8
	△4	20.17 [.794]	8.79 [.346]	17.78 [.700]	18.42 [.725]	29	24.00 [.945]	25.65 [1.010]	30	111196–7
	△4	17.63 [.694]	7.52 [.296]	15.24 [.600]	15.88 [.625]	25	21.46 [.845]	23.11 [.910]	26	111196–6
	△4	16.36 [.644]	6.88 [.271]	13.97 [.550]	14.60 [.575]	23	20.19 [.795]	21.84 [.860]	24	111196–5
	△4	13.82 [.544]	5.61 [.221]	11.43 [.450]	12.06 [.475]	19	17.65 [.695]	19.30 [.760]	20	111196–4
OBSOLETE	△4	11.28 [.444]	4.34 [.171]	8.89 [.350]	9.52 [.375]	15	15.11 [.595]	16.76 [.660]	16	111196–3
OBSOLETE	△4	10.01 [.394]	3.71 [.146]	7.62 [.300]	8.26 [.325]	13	13.84 [.545]	15.49 [.610]	14	111196–2
	△4	7.47 [.294]	2.44 [.096]	5.08 [.200]	5.72 [.225]	9	11.30 [.445]	12.95 [.510]	10	111196–1
	CONTACT FINISH	G	F	E	D	C	B	A	POSN	

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm [INCHES]

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

MATERIAL: MOLDED PARTS: △1
FINISH: CONTACTS: SEE TABLE

DWN: R.K. SEIFRIED/UTA 11/13/92
CHK: R. BUCHTER 3/25/93
APVD: –
PRODUCT SPEC: 108–1109
APPLICATION SPEC: 114–25029
WEIGHT: –

TE Connectivity

NAME: AMP–LATCH SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025], IDC

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C–111196	–

CUSTOMER DRAWING | SCALE 10:1 | SHEET 2 OF 2 | REV N1

Mouser Electronics

Authorized Distributor

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TE Connectivity:
111196-7