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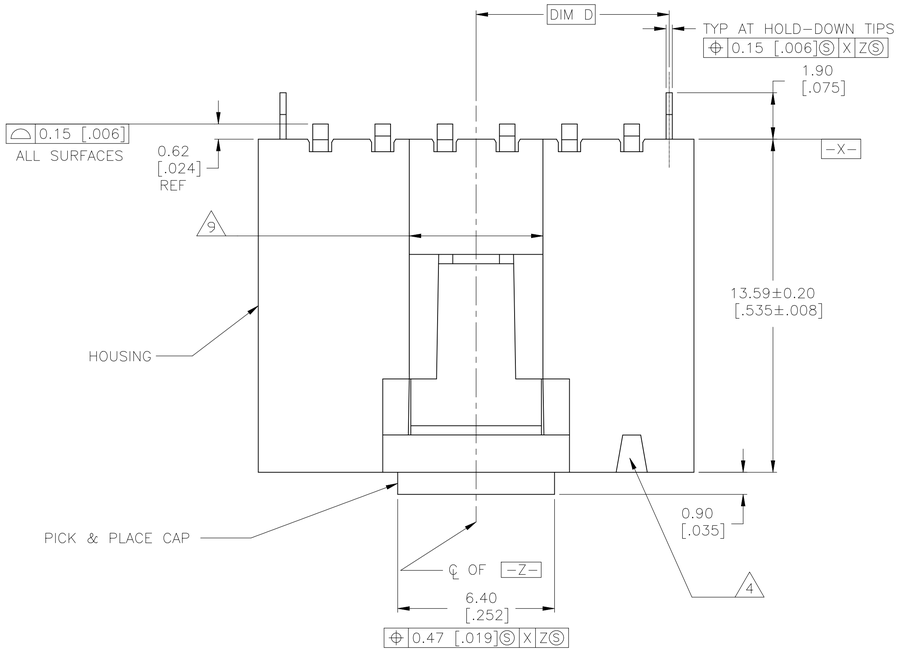
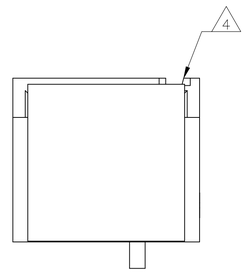
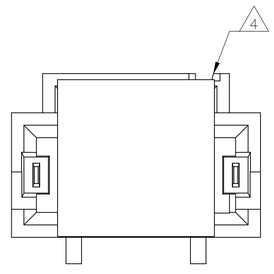
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	REVISED PER ECR-23-186483	22SEP2023	RK	MF

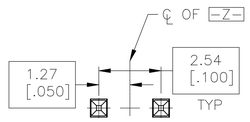




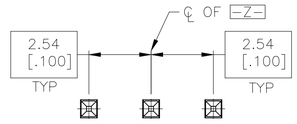
CIRCUIT IDENTIFICATION DETAIL
FOR 2 POSITION HOUSING ONLY



CIRCUIT IDENTIFICATION DETAIL
FOR 3 AND 4 POSITION HOUSING ONLY



BASIC DIMENSIONS FOR
EVEN NUMBER OF POSITIONS
(SEE TABLE)



BASIC DIMENSIONS FOR
ODD NUMBER OF POSITIONS
(SEE TABLE)

DETAIL L
SHOWN WITH CAP
REMOVED FOR CLARITY

1. PACKAGE: TAPE AND REEL PER EIA-481 SPECIFICATIONS.
SEE TABLE FOR TAPE WIDTHS

△2 MATERIAL: HOUSING AND PICK & PLACE CAP: HIGH TEMPERATURE LCP, COLOR – BLACK, CONTACTS: BRASS,
HOLD-DOWNS: BERYLLIUM COPPER

△3 FINISH: CONTACTS: 0.00254[.0001] BRIGHT TIN-LEAD OVER 0.00127[.00005] NICKEL
HOLD-DOWNS: 0.00381[.00015] MATTE TIN-LEAD OVER 0.00127[.00005] NICKEL

△4 CIRCUIT POSITION #1 IDENTIFICATION MARK

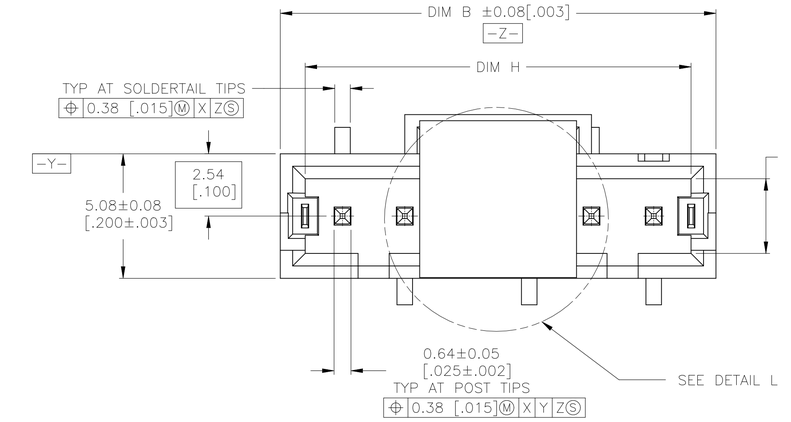
△5 DATUMS AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER

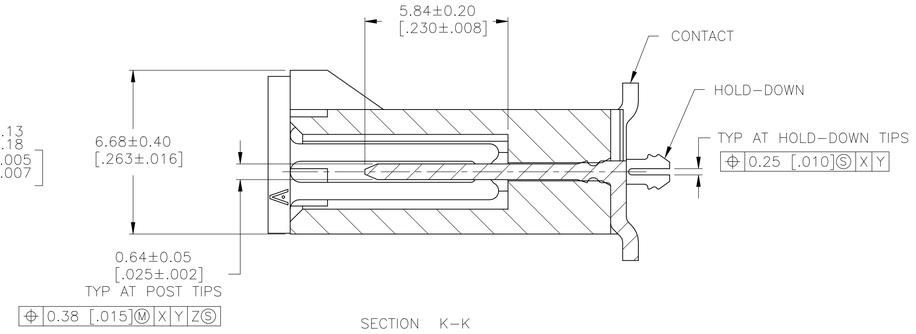
△6 RECOMMENDED PC BOARD THICKNESS OF 1.57[.062]

△7 USE 1.510 ±0.025[.0595±.0010] DRILLED HOLE (#53 DRILL), FINISH TO BE TIN-LEAD OVER 0.02[.0008] MIN COPPER

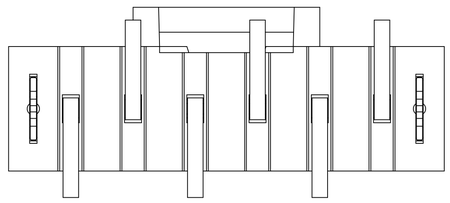
△8 FINISH: CONTACTS: 0.00254[.0001] MATTE TIN OVER 0.00127[.00005] NICKEL
HOLD-DOWNS: 0.00381[.00015] MATTE TIN OVER 0.00127[.00005] NICKEL

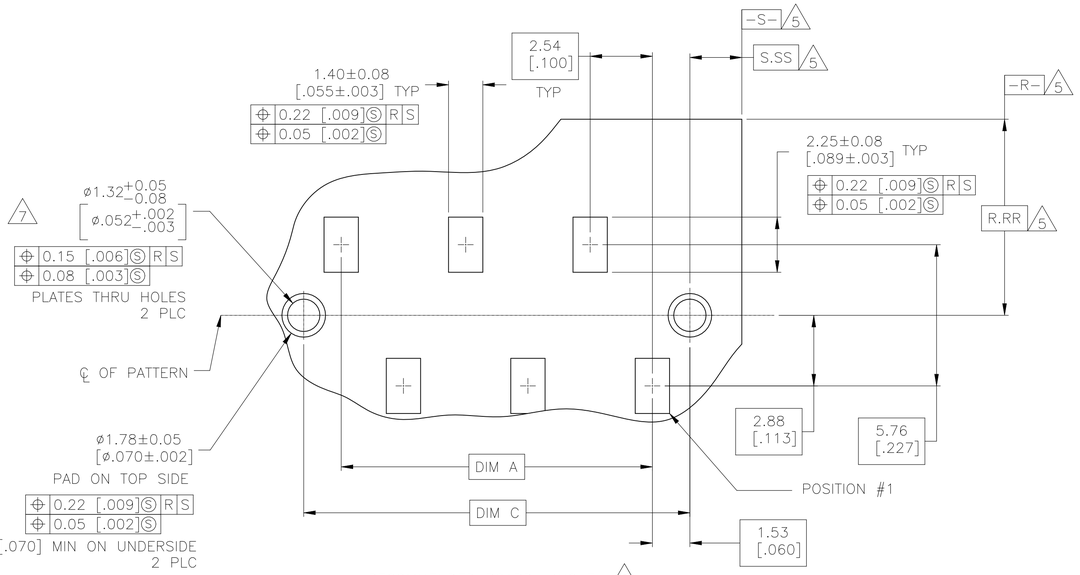
△9 0.25 [.010] RECESS PERMISSIBLE IN THIS AREA FOR MOLD SHUT OFF



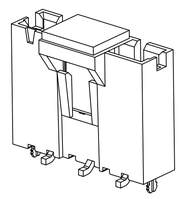


SECTION K-K





RECOMMENDED BOARD LAYOUT △6



SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN J. MOSER 26OCT99	TE Connectivity Ltd.	
DIMENSIONS: mm [INCHES]	CHK L. BRESKOSKY 26OCT99	NAME	AMPMODU MTE SURFACE MOUNT, VERTICAL HEADER ASSEMBLY
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± 0.13 [.005] 3 PLC ± – 4 PLC ± – ANGLES ± –	APVD K. WRIGHT 27JUN00	PRODUCT SPEC 108-25034-2	
		APPLICATION SPEC 114-25026	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-1375549 / RESTRICTED TO –
MATERIAL △2	FINISH SEE TABLE	WEIGHT –	SCALE 8:1 / SHEET 1 OF 2 / REV H1
		CUSTOMER DRAWING	

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

6	88 [3.465]	64.01 [2.530]	32.01 [1.260]	64.02 [2.520]	65.91 [2.595]	60.96 [2.400]	25	7–1375549–4
6	88 [3.465]	61.47 [2.420]	30.74 [1.210]	61.48 [2.420]	63.37 [2.495]	58.42 [2.300]	24	7–1375549–3
6	88 [3.465]	58.93 [2.320]	29.47 [1.160]	58.94 [2.320]	60.83 [2.395]	55.88 [2.200]	23	7–1375549–2
6	88 [3.465]	56.39 [2.220]	28.20 [1.110]	56.40 [2.220]	58.29 [2.295]	53.34 [2.100]	22	7–1375549–1
6	88 [3.465]	53.85 [2.120]	26.93 [1.060]	53.86 [2.120]	55.75 [2.195]	50.80 [2.000]	21	7–1375549–0
6	72 [2.835]	51.31 [2.020]	25.66 [1.010]	51.32 [2.020]	53.21 [2.095]	48.26 [1.900]	20	6–1375549–9
6	72 [2.835]	48.77 [1.920]	24.39 [.960]	48.78 [1.920]	50.67 [1.995]	45.72 [1.800]	19	6–1375549–8
6	72 [2.835]	46.23 [1.820]	23.12 [.910]	46.24 [1.820]	48.13 [1.895]	43.18 [1.700]	18	6–1375549–7
6	72 [2.835]	43.69 [1.720]	21.85 [.860]	43.70 [1.720]	45.59 [1.795]	40.64 [1.600]	17	6–1375549–6
6	72 [2.835]	41.15 [1.620]	20.58 [.810]	41.16 [1.620]	43.05 [1.695]	38.10 [1.500]	16	6–1375549–5
6	56 [2.205]	38.61 [1.520]	19.31 [.760]	38.62 [1.520]	40.51 [1.595]	35.56 [1.400]	15	6–1375549–4
6	56 [2.205]	36.07 [1.420]	18.04 [.710]	36.08 [1.420]	37.97 [1.495]	33.02 [1.300]	14	6–1375549–3
6	56 [2.205]	33.53 [1.320]	16.77 [.660]	33.54 [1.320]	35.43 [1.395]	30.48 [1.200]	13	6–1375549–2
6	56 [2.205]	30.99 [1.220]	15.50 [.610]	31.00 [1.220]	32.89 [1.295]	27.94 [1.100]	12	6–1375549–1
6	56 [2.205]	28.45 [1.120]	14.23 [.560]	28.46 [1.120]	30.35 [1.195]	25.40 [1.000]	11	6–1375549–0
6	56 [2.205]	25.91 [1.020]	12.96 [.510]	25.92 [1.020]	27.81 [1.095]	22.86 [.900]	10	5–1375549–9
6	44 [1.732]	23.37 [.920]	11.69 [.460]	23.38 [.920]	25.27 [.995]	20.32 [.800]	9	5–1375549–8
6	44 [1.732]	20.83 [.820]	10.42 [.410]	20.84 [.820]	22.73 [.895]	17.78 [.700]	8	5–1375549–7
6	44 [1.732]	18.29 [.720]	9.15 [.360]	18.30 [.720]	20.19 [.795]	15.24 [.600]	7	5–1375549–6
6	32 [1.260]	15.75 [.620]	7.88 [.310]	15.76 [.620]	17.65 [.695]	12.70 [.500]	6	5–1375549–5
6	32 [1.260]	13.21 [.520]	6.61 [.260]	13.22 [.520]	15.11 [.595]	10.16 [.400]	5	5–1375549–4
6	32 [1.260]	10.67 [.420]	5.34 [.210]	10.68 [.420]	12.57 [.495]	7.62 [.300]	4	5–1375549–3
6	32 [1.260]	8.13 [.320]	4.07 [.160]	8.14 [.320]	10.03 [.395]	5.08 [.200]	3	5–1375549–2
6	24 [.945]	5.59 [.220]	2.80 [.110]	5.60 [.220]	7.49 [.295]	2.54 [.100]	2	5–1375549–1
3	88 [3.465]	64.01 [2.530]	32.01 [1.260]	64.02 [2.520]	65.91 [2.595]	60.96 [2.400]	25	2–1375549–4
3	88 [3.465]	61.47 [2.420]	30.74 [1.210]	61.48 [2.420]	63.37 [2.495]	58.42 [2.300]	24	2–1375549–3
3	88 [3.465]	58.93 [2.320]	29.47 [1.160]	58.94 [2.320]	60.83 [2.395]	55.88 [2.200]	23	2–1375549–2
3	88 [3.465]	56.39 [2.220]	28.20 [1.110]	56.40 [2.220]	58.29 [2.295]	53.34 [2.100]	22	2–1375549–1
3	88 [3.465]	53.85 [2.120]	26.93 [1.060]	53.86 [2.120]	55.75 [2.195]	50.80 [2.000]	21	2–1375549–0
3	72 [2.835]	51.31 [2.020]	25.66 [1.010]	51.32 [2.020]	53.21 [2.095]	48.26 [1.900]	20	1–1375549–9
3	72 [2.835]	48.77 [1.920]	24.39 [.960]	48.78 [1.920]	50.67 [1.995]	45.72 [1.800]	19	1–1375549–8
3	72 [2.835]	46.23 [1.820]	23.12 [.910]	46.24 [1.820]	48.13 [1.895]	43.18 [1.700]	18	1–1375549–7
3	72 [2.835]	43.69 [1.720]	21.85 [.860]	43.70 [1.720]	45.59 [1.795]	40.64 [1.600]	17	1–1375549–6
3	72 [2.835]	41.15 [1.620]	20.58 [.810]	41.16 [1.620]	43.05 [1.695]	38.10 [1.500]	16	1–1375549–5
3	56 [2.205]	38.61 [1.520]	19.31 [.760]	38.62 [1.520]	40.51 [1.595]	35.56 [1.400]	15	1–1375549–4
3	56 [2.205]	36.07 [1.420]	18.04 [.710]	36.08 [1.420]	37.97 [1.495]	33.02 [1.300]	14	1–1375549–3
3	56 [2.205]	33.53 [1.320]	16.77 [.660]	33.54 [1.320]	35.43 [1.395]	30.48 [1.200]	13	1–1375549–2
3	56 [2.205]	30.99 [1.220]	15.50 [.610]	31.00 [1.220]	32.89 [1.295]	27.94 [1.100]	12	1–1375549–1
3	56 [2.205]	28.45 [1.120]	14.23 [.560]	28.46 [1.120]	30.35 [1.195]	25.40 [1.000]	11	1–1375549–0
3	56 [2.205]	25.91 [1.020]	12.96 [.510]	25.92 [1.020]	27.81 [1.095]	22.86 [.900]	10	1375549–9
3	44 [1.732]	23.37 [.920]	11.69 [.460]	23.38 [.920]	25.27 [.995]	20.32 [.800]	9	1375549–8
3	44 [1.732]	20.83 [.820]	10.42 [.410]	20.84 [.820]	22.73 [.895]	17.78 [.700]	8	1375549–7
3	44 [1.732]	18.29 [.720]	9.15 [.360]	18.30 [.720]	20.19 [.795]	15.24 [.600]	7	1375549–6
3	32 [1.260]	15.75 [.620]	7.88 [.310]	15.76 [.620]	17.65 [.695]	12.70 [.500]	6	1375549–5
3	32 [1.260]	13.21 [.520]	6.61 [.260]	13.22 [.520]	15.11 [.595]	10.16 [.400]	5	1375549–4
3	32 [1.260]	10.67 [.420]	5.34 [.210]	10.68 [.420]	12.57 [.495]	7.62 [.300]	4	1375549–3
3	32 [1.260]	8.13 [.320]	4.07 [.160]	8.14 [.320]	10.03 [.395]	5.08 [.200]	3	1375549–2
3	24 [.945]	5.59 [.220]	2.80 [.110]	5.60 [.220]	7.49 [.295]	2.54 [.100]	2	1375549–1
PLATING	TAPE WIDTH	H	D	C	B	A	NO OF POSN	PART NUMBER

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 ± –

MATERIAL 2

FINISH SEE TABLE

DWN J. MOSER 26OCT99
CHK L. BRESKOSKY 26OCT99
APVD K. WRIGHT 27JUN00

TE Connectivity Ltd.

NAME AMPMODU MTE SURFACE MOUNT, VERTICAL HEADER ASSEMBLY

PRODUCT SPEC 108–25034–2
APPLICATION SPEC 114–25026
WEIGHT –

SIZE A1 | CAGE CODE 00779 | DRAWING NO C–1375549 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV H1