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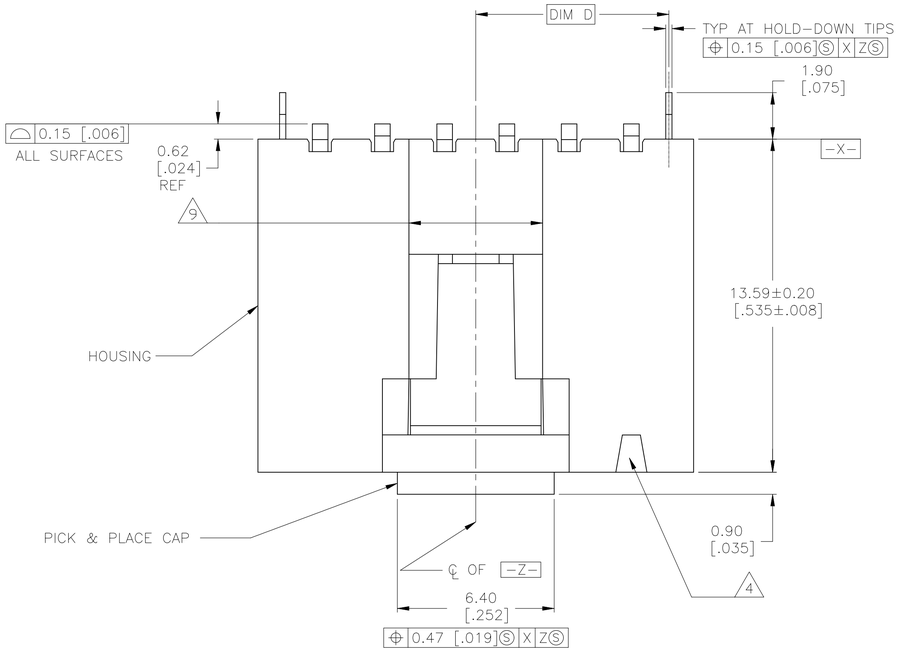
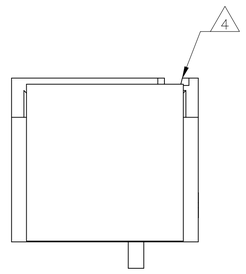
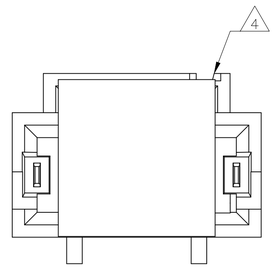
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H2	CONTACT DIMENSION ADDED	29OCT2025	KS	ASC

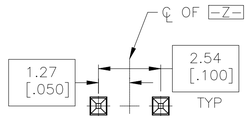




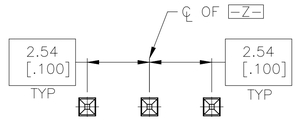
CIRCUIT IDENTIFICATION DETAIL
FOR 2 POSITION HOUSING ONLY



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: 0.000763 [.000030] GOLD IN CONTACT AREA, 0.00254[.0001] MATTE TIN–LEAD ON SOLDER TAIL ALL OVER 0.00127[.00005] NICKEL
HOLD–DOWNS: 0.00381[.00015] MATTE TIN–LEAD OVER 0.00127[.00005] NICKEL

4 CIRCUIT POSITION #1 IDENTIFICATION MARK

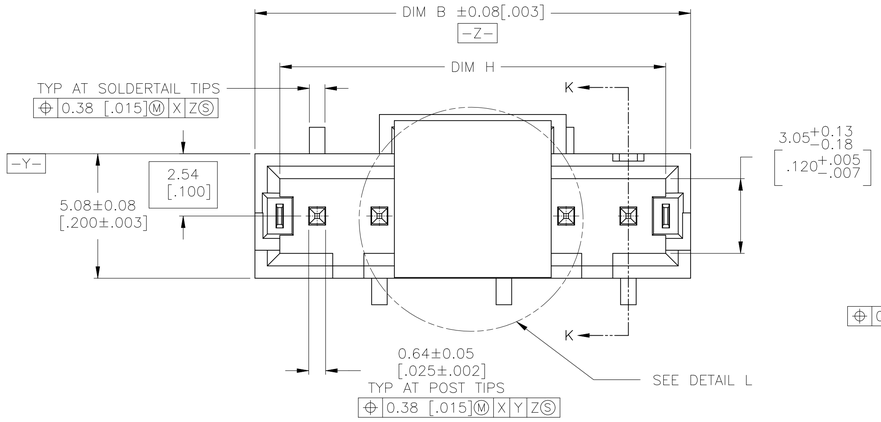
5 DATUMS AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER

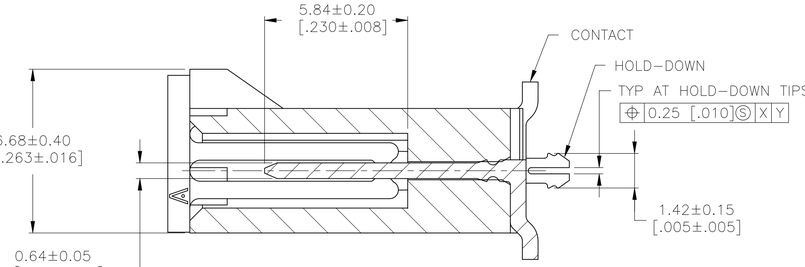
6 RECOMMENDED PC BOARD THICKNESS OF 1.57[.062]

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

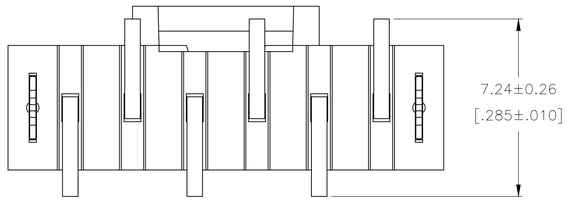
8 FINISH: CONTACTS: 0.000763 [.000030] GOLD IN CONTACT AREA, 0.00254[.0001] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127[.00005] NICKEL
HOLD–DOWNS: 0.00381[.00015] MATTE TIN OVER 0.00127[.00005] NICKEL

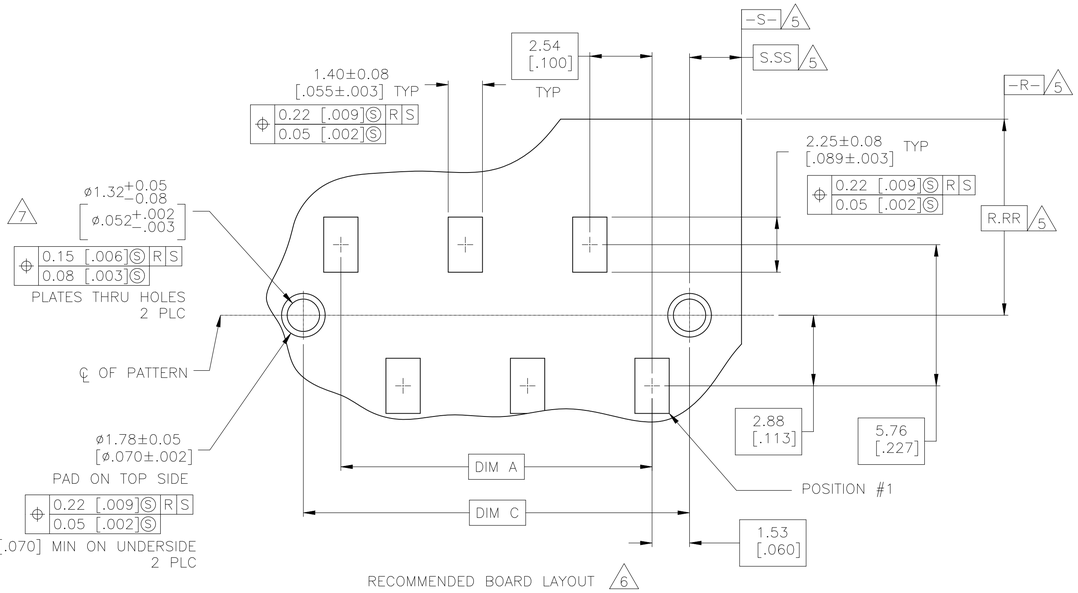
9 0.25 [.010] RECESS PERMISSIBLE IN THIS AREA FOR MOLD SHUT OFF



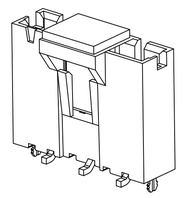


SECTION K–K





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	
MATERIAL 2	FINISH SEE TABLE	WEIGHT –	SIZE A1 · CAGE CODE 00779 · DRAWING NO C–1375583 · RESTRICTED TO –
		CUSTOMER DRAWING	SCALE 8:1 · SHEET 1 OF 2 · REV H2

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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	7-1375583-4
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	7-1375583-3
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	7-1375583-2
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	7-1375583-1
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	7-1375583-0
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	6-1375583-9
6	72 [2.835]	48.77 [1.920]	24.39 [.960]	48.78 [1.920]	50.67 [1.995]	45.72 [1.800]	19	6-1375583-8
6	72 [2.835]	46.23 [1.820]	23.12 [.910]	46.24 [1.820]	48.13 [1.895]	43.18 [1.700]	18	6-1375583-7
6	72 [2.835]	43.69 [1.720]	21.85 [.860]	43.70 [1.720]	45.59 [1.795]	40.64 [1.600]	17	6-1375583-6
6	72 [2.835]	41.15 [1.620]	20.58 [.810]	41.16 [1.620]	43.05 [1.695]	38.10 [1.500]	16	6-1375583-5
6	56 [2.205]	38.61 [1.520]	19.31 [.760]	38.62 [1.520]	40.51 [1.595]	35.56 [1.400]	15	6-1375583-4
6	56 [2.205]	36.07 [1.420]	18.04 [.710]	36.08 [1.420]	37.97 [1.495]	33.02 [1.300]	14	6-1375583-3
6	56 [2.205]	33.53 [1.320]	16.77 [.660]	33.54 [1.320]	35.43 [1.395]	30.48 [1.200]	13	6-1375583-2
6	56 [2.205]	30.99 [1.220]	15.50 [.610]	31.00 [1.220]	32.89 [1.295]	27.94 [1.100]	12	6-1375583-1
6	56 [2.205]	28.45 [1.120]	14.23 [.560]	28.46 [1.120]	30.35 [1.195]	25.40 [1.000]	11	6-1375583-0
6	56 [2.205]	25.91 [1.020]	12.96 [.510]	25.92 [1.020]	27.81 [1.095]	22.86 [.900]	10	5-1375583-9
6	44 [1.732]	23.37 [.920]	11.69 [.460]	23.38 [.920]	25.27 [.995]	20.32 [.800]	9	5-1375583-8
6	44 [1.732]	20.83 [.820]	10.42 [.410]	20.84 [.820]	22.73 [.895]	17.78 [.700]	8	5-1375583-7
6	44 [1.732]	18.29 [.720]	9.15 [.360]	18.30 [.720]	20.19 [.795]	15.24 [.600]	7	5-1375583-6
6	32 [1.260]	15.75 [.620]	7.88 [.310]	15.76 [.620]	17.65 [.695]	12.70 [.500]	6	5-1375583-5
6	32 [1.260]	13.21 [.520]	6.61 [.260]	13.22 [.520]	15.11 [.595]	10.16 [.400]	5	5-1375583-4
6	32 [1.260]	10.67 [.420]	5.34 [.210]	10.68 [.420]	12.57 [.495]	7.62 [.300]	4	5-1375583-3
6	32 [1.260]	8.13 [.320]	4.07 [.160]	8.14 [.320]	10.03 [.395]	5.08 [.200]	3	5-1375583-2
6	24 [.945]	5.59 [.220]	2.80 [.110]	5.60 [.220]	7.49 [.295]	2.54 [.100]	2	5-1375583-1
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	2-1375583-4
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	2-1375583-3
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	2-1375583-2
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	2-1375583-1
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	2-1375583-0
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	1-1375583-9
3	72 [2.835]	48.77 [1.920]	24.39 [.960]	48.78 [1.920]	50.67 [1.995]	45.72 [1.800]	19	1-1375583-8
3	72 [2.835]	46.23 [1.820]	23.12 [.910]	46.24 [1.820]	48.13 [1.895]	43.18 [1.700]	18	1-1375583-7
3	72 [2.835]	43.69 [1.720]	21.85 [.860]	43.70 [1.720]	45.59 [1.795]	40.64 [1.600]	17	1-1375583-6
3	72 [2.835]	41.15 [1.620]	20.58 [.810]	41.16 [1.620]	43.05 [1.695]	38.10 [1.500]	16	1-1375583-5
3	56 [2.205]	38.61 [1.520]	19.31 [.760]	38.62 [1.520]	40.51 [1.595]	35.56 [1.400]	15	1-1375583-4
3	56 [2.205]	36.07 [1.420]	18.04 [.710]	36.08 [1.420]	37.97 [1.495]	33.02 [1.300]	14	1-1375583-3
3	56 [2.205]	33.53 [1.320]	16.77 [.660]	33.54 [1.320]	35.43 [1.395]	30.48 [1.200]	13	1-1375583-2
3	56 [2.205]	30.99 [1.220]	15.50 [.610]	31.00 [1.220]	32.89 [1.295]	27.94 [1.100]	12	1-1375583-1
3	56 [2.205]	28.45 [1.120]	14.23 [.560]	28.46 [1.120]	30.35 [1.195]	25.40 [1.000]	11	1-1375583-0
3	56 [2.205]	25.91 [1.020]	12.96 [.510]	25.92 [1.020]	27.81 [1.095]	22.86 [.900]	10	1375583-9
3	44 [1.732]	23.37 [.920]	11.69 [.460]	23.38 [.920]	25.27 [.995]	20.32 [.800]	9	1375583-8
3	44 [1.732]	20.83 [.820]	10.42 [.410]	20.84 [.820]	22.73 [.895]	17.78 [.700]	8	1375583-7
3	44 [1.732]	18.29 [.720]	9.15 [.360]	18.30 [.720]	20.19 [.795]	15.24 [.600]	7	1375583-6
3	32 [1.260]	15.75 [.620]	7.88 [.310]	15.76 [.620]	17.65 [.695]	12.70 [.500]	6	1375583-5
3	32 [1.260]	13.21 [.520]	6.61 [.260]	13.22 [.520]	15.11 [.595]	10.16 [.400]	5	1375583-4
3	32 [1.260]	10.67 [.420]	5.34 [.210]	10.68 [.420]	12.57 [.495]	7.62 [.300]	4	1375583-3
3	32 [1.260]	8.13 [.320]	4.07 [.160]	8.14 [.320]	10.03 [.395]	5.08 [.200]	3	1375583-2
3	24 [.945]	5.59 [.220]	2.80 [.110]	5.60 [.220]	7.49 [.295]	2.54 [.100]	2	1375583-1
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 C. 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-1375583 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 8:1 | SHEET 2 OF 2 | REV H2