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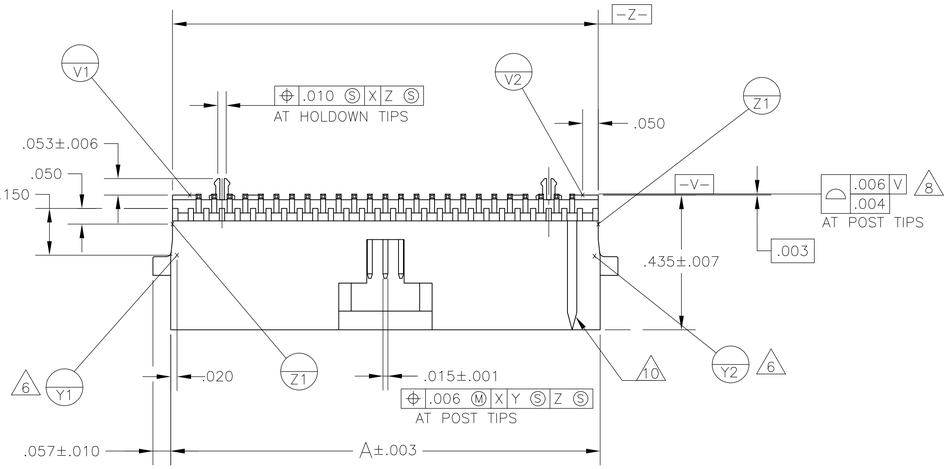
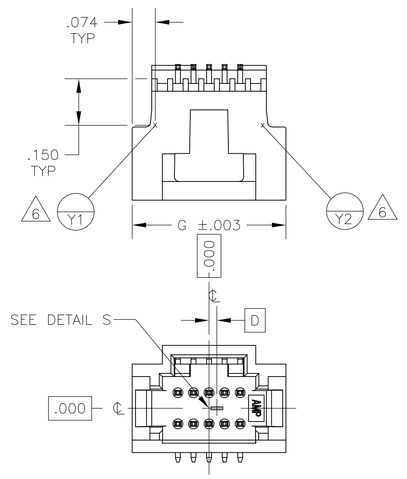
LOC	DIST
AD	00

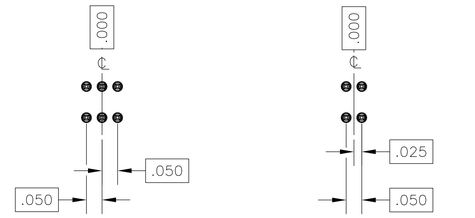
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	U	REVISED PER ECO-15-004125	18JUN2015	NK	JO





104549-1 SHOWN



BASIC DIMENSIONS FOR EVEN NUMBER OF SPACES (SEE TABLE)

BASIC DIMENSIONS FOR ODD NUMBER OF SPACES (SEE TABLE)

DETAIL S

DETAIL P
FOR THREE HOLDDOWN VERSION
(50 POSN THRU 100 POSN)

RECOMMENDED BOARD LAYOUT

DETAIL G
SCALE 8:1

SEE SHEET 2 OF 2 FOR DASH NUMBERS AND NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13JUL92 R.K. SEIFRIED/UTA	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -	CHK 23OCT92 B ELICKER	NAME HEADER ASSEMBLY, W/SIDE & END LATCHES, VERTICAL, SHROUDED, DOUBLE ROW,SURFACE MOUNT, AMPMODU System 50, W/HOLDDOWNS
		APVD 23OCT92 B ELICKER	
		PRODUCT SPEC —	
		APPLICATION SPEC —	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-104549 / RESTRICTED TO —
MATERIAL HOUSING: PPA COLOR: BLACK CONTACT: COPPER ALLOY	FINISH SEE TABLE	WEIGHT —	CUSTOMER DRAWING / SCALE 4:1 / SHEET 1 OF 2 / REV U

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LOC	DIST
AD	00

REVISIONS

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

1. .000030 GOLD IN LOCALIZED PLATE AREA, .000150 TIN-LEAD ON SOLDER TAILS ALL OVER .000050 NICKEL.
2. USE .0465±.0010 DRILLED HOLE (#56 DRILL) WITH .001 MIN COPPER.
3. CIRCUIT IDENTIFICATION FEATURE OMITTED ON 10 POSITION HEADER ASSEMBLIES.
4. DIMENSION APPLIES AT BASE OF SHROUD.
5. THE NOTED DIMENSIONS APPLY AT THE MATING FACE OF THE HOUSING.
6. (Y3) (Y4) ARE LOCATED THE SAME AS (Y1) (Y2) EXCEPT ON OPPOSITE SIDE OF HOUSING.
7. PADS ON THE OPPOSITE SIDE OF THE BOARD TO BE ø.065 MINIMUM.
8. REFER TO NO. OF POSN. IN CHART FOR NUMBER OF SURFACES THAT ARE TO BE COPLALAR.
9. .000030 GOLD IN LOCALIZED PLATE AREA, .000150 TIN ON SOLDER TAILS, ALL OVER .000050 NICKEL.
10. NO CIRCUIT IDENTIFICATION FEATURE ON 10,12,20,24 AND 30 POSITION PARTS.
11. FINISH: .000001 MIN. GOLD GOLD PLATED AREA, .000150-.000250 MATTE TIN LEAD ON TIN PLATE AREA, UNDER PLATING SHOULD BE .000050-.000100 NICKEL ON ENTIRE CONTACT, GOLD AND TIN PLATING MAY NOT OVERLAP.
12. FINISH: .000001 MIN GOLD ON GOLD PLATED AREA, .000150-.000250 MATTE TIN ON TIN PLATE AREA, UNDERPLATING TO BE .000050-.000100 NICKEL ON ENTIRE CONTACT, GOLD AND TIN PLATING MAY NOT OVERLAP.
13. PRELIMINARY - NOT FOR PRODUCTION
14. OBSOLETE

	G	F	E	D	C	B	A	NO OF POSN	PART NUMBER
12	-	-	-	.000	.250	5	.430	12	13 8-104549-1
	-	.000	1.150	1.150	2.450	49	2.630	100	8-104549-0
	-	.000	.900	.900	1.950	39	2.130	80	13 7-104549-9
	-	.000	.650	.650	1.450	29	1.630	60	13 7-104549-8
	-	.025	.525	.525	1.200	24	1.380	50	13 7-104549-7
	-	-	.400	.400	.950	19	1.130	40	13 7-104549-6
	-	-	.275	.275	.700	14	.880	30	7-104549-5
	-	-	.225	.225	.600	12	.780	26	13 7-104549-4
	-	-	.200	.200	.550	11	.730	24	13 7-104549-3
	-	-	.150	.150	.450	9	.630	20	13 7-104549-2
	.494	-	-	.025	.200	4	-	10	13 7-104549-1
9	-	-	-	.000	.250	5	.430	12	6-104549-1
	-	.000	1.150	1.150	2.450	49	2.630	100	6-104549-0
	-	.000	.900	.900	1.950	39	2.130	80	5-104549-9
	-	.000	.650	.650	1.450	29	1.630	60	5-104549-8
	-	.025	.525	.525	1.200	24	1.380	50	5-104549-7
	-	-	.400	.400	.950	19	1.130	40	5-104549-6
	-	-	.275	.275	.700	14	.880	30	5-104549-5
	-	-	.225	.225	.600	12	.780	26	14 ~~5-104549-4~~
	-	-	.200	.200	.550	11	.730	24	5-104549-3
	-	-	.150	.150	.450	9	.630	20	5-104549-2
	.494	-	-	.025	.200	4	-	10	5-104549-1
FINISH	G	F	E	D	C	B	A	NO OF POSN	PART NUMBER

	G	F	E	D	C	B	A	NO OF POSN	PART NUMBER
11	-	-	-	.000	.250	5	.430	12	13 3-104549-1
	-	.000	1.150	1.150	2.450	49	2.630	100	13 3-104549-0
	-	.000	.900	.900	1.950	39	2.130	80	13 2-104549-9
	-	.000	.650	.650	1.450	29	1.630	60	13 2-104549-8
	-	.025	.525	.525	1.200	24	1.380	50	2-104549-7
	-	-	.400	.400	.950	19	1.130	40	13 2-104549-6
	-	-	.275	.275	.700	14	.880	30	13 2-104549-5
	-	-	.225	.225	.600	12	.780	26	13 2-104549-4
	-	-	.200	.200	.550	11	.730	24	13 2-104549-3
	-	-	.150	.150	.450	9	.630	20	13 2-104549-2
	.494	-	-	.025	.200	4	-	10	13 2-104549-1
1	-	-	-	.000	.250	5	.430	12	1-104549-1
	-	.000	1.150	1.150	2.450	49	2.630	100	1-104549-0
	-	.000	.900	.900	1.950	39	2.130	80	104549-9
	-	.000	.650	.650	1.450	29	1.630	60	104549-8
	-	.025	.525	.525	1.200	24	1.380	50	104549-7
	-	-	.400	.400	.950	19	1.130	40	104549-6
	-	-	.275	.275	.700	14	.880	30	104549-5
	-	-	.225	.225	.600	12	.780	26	14 ~~104549-4~~
	-	-	.200	.200	.550	11	.730	24	104549-3
	-	-	.150	.150	.450	9	.630	20	104549-2
	.494	-	-	.025	.200	4	-	10	104549-1
FINISH	G	F	E	D	C	B	A	NO OF POSN	PART NUMBER

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -

MATERIAL: HOUSING: PPA, COLOR: BLACK, CONTACT: COPPER ALLOY
FINISH: SEE TABLE

DWN 13JUL92 R.K. SEIFRIED/UTA
CHK 23OCT92 B ELICKER
APVD 23OCT92 B ELICKER
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: HEADER ASSEMBLY, W/SIDE & END LATCHES, VERTICAL, SHROUDED, DOUBLE ROW,SURFACE MOUNT, AMPMODU System 50, W/HOLDDOWNS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-104549	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV U