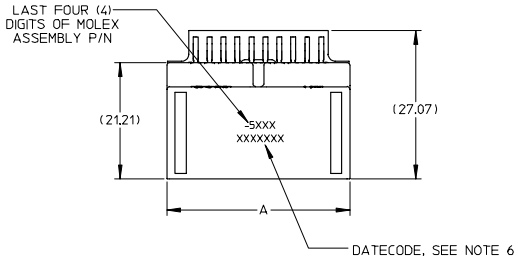
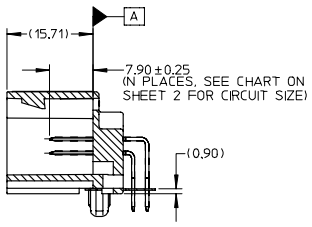
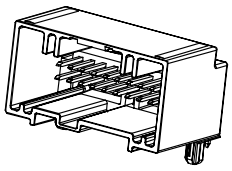
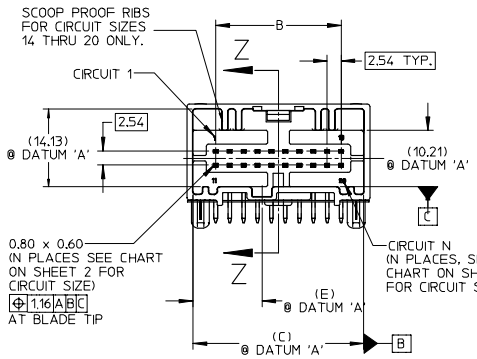
30700

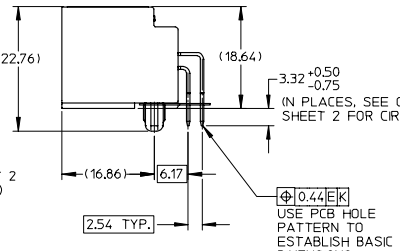


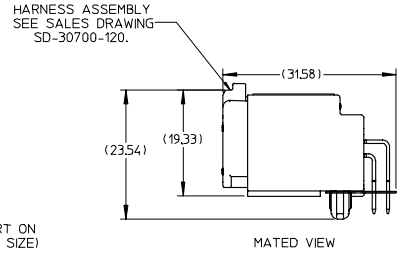


SECTION Z-Z

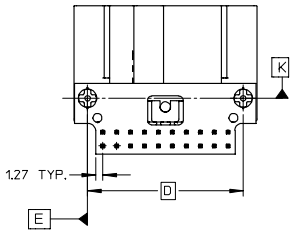








MATED VIEW



20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY SHOWN

NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
   TERMINAL: COPPER ALLOY.
   PIN ALIGNMENT PLATE: MYLAR, COLOR: NATURAL (WHITE).
2. FINISHES: TERMINAL: TIN (Sn) OVERALL;
   THICKNESS = 1.5 MICROMETER MINIMUM;
   NICKEL (Ni) UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-30700-0001
4. PACKAGING SPECIFICATION : PK-30907-227.
5. MATES WITH: SERIES 30700, SEE SALES DRAWING SD-30700-120.
6. DATECODE DESCRIPTION:
   - 1ST DIGIT: MACHINE ID# (ALWAYS WILL BE '2')
   - 2ND THROUGH 4TH DIGIT: DAY# OF THE CALENDAR YEAR (EXAMPLE: FEB. 3RD = '034)
   - 5TH DIGIT: LAST DIGIT OF THE CALENDAR YEAR (EXAMPLE: 1999 = '9')
   - 6TH THROUGH 7TH DIGIT: HOUR OF THE DAY.
7. RECOMMENDED OPTIONAL SCREW: M2 x 0.89, 6mm IN LENGTH, PAN COLLAR HEAD, 6 LOBE.
   TORQUE: 7 NEWTON CENTIMETERS

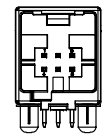
SEE ECN# UAU2001-0258 EC NO: UAU2007-0542 DRWN:BDICK01 2007/03/06 CHKD: 2007/03/06 APPR:SMARCEAU 2007/03/07	QUALITY SYMBOLS ▼ 0 ▽ 0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± / ± 3 PLACES ± / ± 2 PLACES ±0.13 / ± 1 PLACE ±0.25 / ± ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 2:1 DESIGN UNITS METRIC DIMENSION STYLE MM ONLY DRAWN BY RCARLSON DATE 01/03/20 CHECKED BY CKRISHNA DATE 01/03/27 APPROVED BY LGEIB DATE 01/03/28	THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE: 6-20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY MOLEX INCORPORATED MATERIAL NO. ENTER-PART DOCUMENT NO. SD-30700-520 SHEET NO. 1 OF 2	REV B1 DESCRIPTION

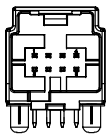
C

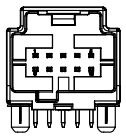
tb_frame_C-B1
rev. B1 2000/08/01

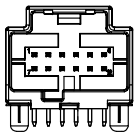
30700

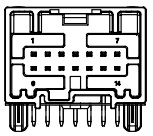
PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS					
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	RIGHT ANGLE HEADER ASSEMBLY (POLARZIATION OPTIONS)	CIRCUIT SIZE	A	B	(C)	D	(E)	HOUSING COLOR
30700-5207	30700-5204	POLARIZATION OPTION #1	20	33.39	22.86	31.14	28.38	12.57	GRAY
30700-5208	30700-5205	POLARIZATION OPTION #2	20	33.39	22.86	31.14	28.38	15.57	BLACK
30700-5209	30700-5206	POLARIZATION OPTION #3	20	33.39	22.86	31.14	28.38	18.57	NATURAL (CREAM)
30700-5187	30700-5184	POLARIZATION OPTION #1	18	30.85	20.32	28.60	25.84	11.31	GRAY
30700-5188	30700-5185	POLARIZATION OPTION #2	18	30.85	20.32	28.60	25.84	14.31	BLACK
30700-5189	30700-5186	POLARIZATION OPTION #3	18	30.85	20.32	28.60	25.84	17.31	NATURAL (CREAM)
30700-5167	30700-5164	POLARIZATION OPTION #1	16	28.31	17.78	26.06	23.30	10.04	GRAY
30700-5168	30700-5165	POLARIZATION OPTION #2	16	28.31	17.78	26.06	23.30	13.04	BLACK
30700-5169	30700-5166	POLARIZATION OPTION #3	16	28.31	17.78	26.06	23.30	16.04	NATURAL (CREAM)
30700-5147	30700-5144	POLARIZATION OPTION #1	14	25.77	15.24	23.52	20.76	8.77	GRAY
30700-5148	30700-5145	POLARIZATION OPTION #2	14	25.77	15.24	23.52	20.76	11.77	BLACK
30700-5149	30700-5146	POLARIZATION OPTION #3	14	25.77	15.24	23.52	20.76	14.77	NATURAL (CREAM)
30700-5120	30700-5124	POLARIZATION OPTION #1	12	23.23	12.70	20.98	18.22	7.50	GRAY
30700-5121	30700-5125	POLARIZATION OPTION #2	12	23.23	12.70	20.98	18.22	10.50	BLACK
30700-5122	30700-5126	POLARIZATION OPTION #3	12	23.23	12.70	20.98	18.22	13.50	NATURAL (CREAM)
30700-5100	30700-5104	POLARIZATION OPTION #1	10	20.69	10.16	18.44	15.68	6.23	GRAY
30700-5101	30700-5105	POLARIZATION OPTION #2	10	20.69	10.16	18.44	15.68	9.23	BLACK
30700-5102	30700-5106	POLARIZATION OPTION #3	10	20.69	10.16	18.44	15.68	12.23	NATURAL (CREAM)
30700-5080	30700-5084	POLARIZATION OPTION #1	8	18.15	7.62	15.90	13.14	4.96	GRAY
30700-5081	30700-5085	POLARIZATION OPTION #2	8	18.15	7.62	15.90	13.14	7.96	BLACK
30700-5082	30700-5086	POLARIZATION OPTION #3	8	18.15	7.62	15.90	13.14	10.96	NATURAL (CREAM)
30700-5060	30700-5064	POLARIZATION OPTION #1	6	15.61	5.08	13.36	10.60	3.69	GRAY
30700-5061	30700-5065	POLARIZATION OPTION #2	6	15.61	5.08	13.36	10.60	6.69	BLACK
30700-5062	30700-5066	POLARIZATION OPTION #3	6	15.61	5.08	13.36	10.60	9.69	NATURAL (CREAM)

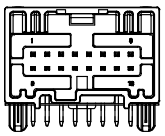

6 CIRCUIT RIGHT ANGLE HEADER 30700-5060

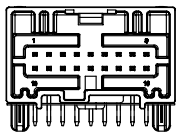

8 CIRCUIT RIGHT ANGLE HEADER 30700-5080

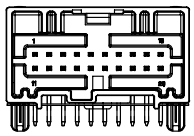

10 CIRCUIT RIGHT ANGLE HEADER 30700-5100


12 CIRCUIT RIGHT ANGLE HEADER 30700-5120

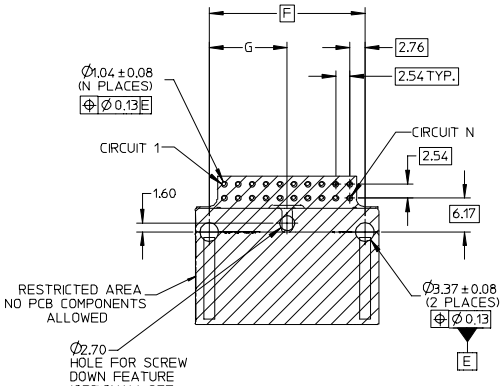

14 CIRCUIT RIGHT ANGLE HEADER 30700-5147


16 CIRCUIT RIGHT ANGLE HEADER 30700-5167


18 CIRCUIT RIGHT ANGLE HEADER 30700-5187


20 CIRCUIT RIGHT ANGLE HEADER 30700-5207

20 CIRCUIT PCB LAYOUT SHOWN BELOW



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1,57±0,17

PCB LAYOUT DIMENSIONS		
CIRCUIT SIZE (N)	F	G
20	28.38	14.19
18	25.84	12.92
16	23.30	11.65
14	20.76	10.38
12	18.22	9.11
10	15.68	7.84
8	13.14	6.57
6	10.60	5.30

SEE ECN# UAU2001-0258
EC NO: UAU2007-0542 2007/03/06
DRWN: BDICK01 2007/03/06
CHKD: APPR: SMARCEAU 2007/03/07
DESCRIPTION
REV
B1

QUALITY SYMBOLS
▼ 0
▽ 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±0.13	±
1 PLACE	±0.25	±
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
DRAWN BY RCARLSON DATE 01/03/20
CHECKED BY CKRISHNA DATE 01/03/27
APPROVED BY LGEIB DATE 01/03/28
TITLE
6-20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY
MOLEX INCORPORATED
MATERIAL NO. ENTER-PART
DOCUMENT NO. SD-30700-520
SHEET NO. 2 OF 2

C

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rev. B1 2000/08/01