

Excellent Integrated System Limited

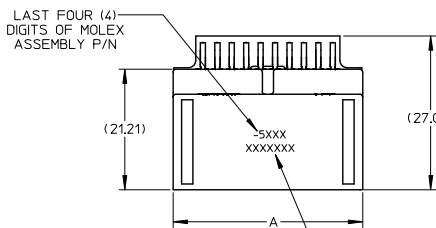
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

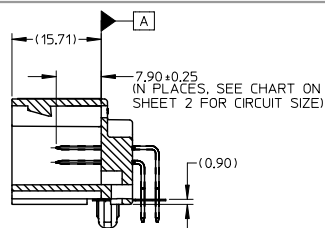
[Molex Connector Corporation](#)
[0307005080](#)

For any questions, you can email us directly:

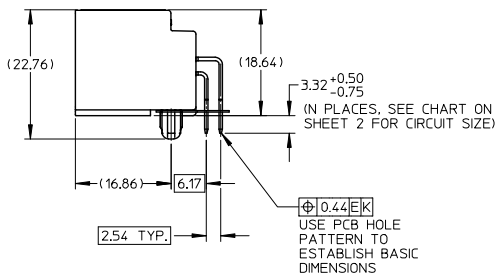
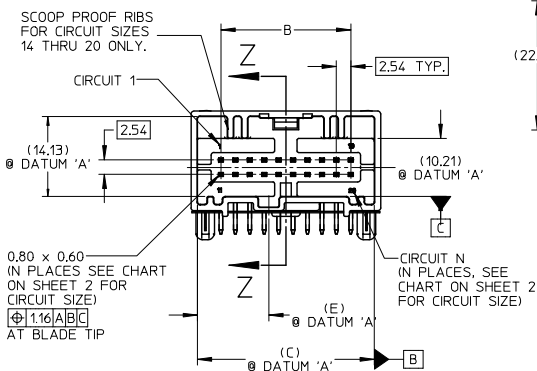
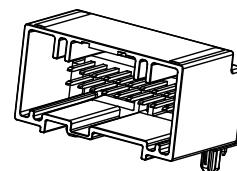
sales@integrated-circuit.com



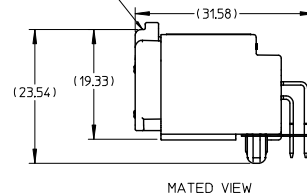
20 CIRCUIT RIGHT ANGLE
HEADER ASSEMBLY SHOWN



SECTION Z-Z



HARNESS ASSEMBLY
SEE SALES DRAWING
SD-30700-120.

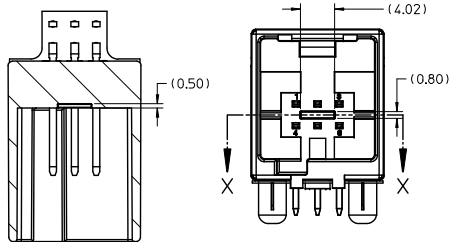


MATED VIEW

NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TERMINAL: COPPER ALLOY.
PIN ALIGNMENT PLATE: MYLAR, COLOR: NATURAL (WHITE).
2. FINISHES: TERMINAL: 1.50-2.50µm TIN (Sn) OVERALL,
1.25µm MIN NICKEL (Ni) UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-30700-0001
4. PACKAGING SPECIFICATION: TUBE: PK-30907-227. TRAY: PK-30907-260
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

BELOW VIEWS APPLY TO
30700-5067/8/9 PART NUMBERS

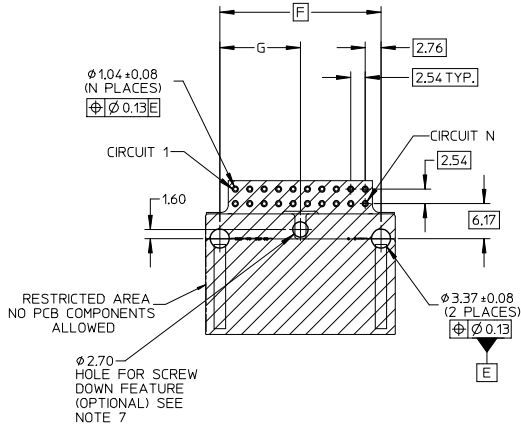


SECTION X-X
SCALE 3:1

SEE ECH# UAU2001-0256 EC NO: UAU2007-005 DRAWN: JFSCHER2025/06/09 CHKD: APPR: RBAUMAN 2026/07/15 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
	 -0		mm	INCH	DIMENSION STYLE		TITLE	6-20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY		
		4 PLACES ± ---	± ---	MM ONLY	DRAWN BY	DATE				
		3 PLACES ± ---	± ---	RCARLSON	01/03/20					
		2 PLACES ± 0.13	± 0.13	CHECKED BY	DATE					
		1 PLACE ± 0.25	± 0.25	KRISHNA	01/03/27					
	 -0		ANGULAR ± 1 °		APPROVED BY	DATE	 MOLEX INCORPORATED	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 3
		DRAFT WHERE APPLICABLE		LGEIB	01/03/28	ENTER-PART SD-30700-520				
		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

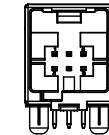
12 11 10 9 8 7 6 5 4 3 2 30700

20 CIRCUIT PCB LAYOUT
SHOWN BELOW

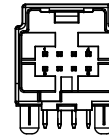


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.57±0.17

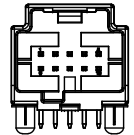
PCB LAYOUT DIMENSIONS		
CIRCUIT SIZE (N)	F	G
20	28.38	14.19
18	25.84	12.92
16	23.30	11.65
14	20.76	10.38
12	18.22	9.11
10	15.68	7.84
8	13.14	6.57
6	10.60	5.30



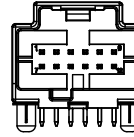
6 CIRCUIT RIGHT
ANGLE HEADER
30700-5060



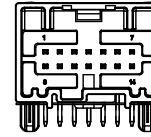
8 CIRCUIT RIGHT
ANGLE HEADER
30700-5080



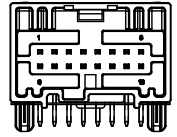
10 CIRCUIT RIGHT
ANGLE HEADER
30700-5100



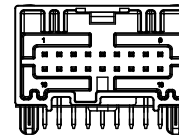
12 CIRCUIT RIGHT
ANGLE HEADER
30700-5120



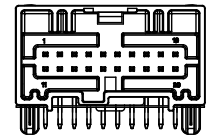
14 CIRCUIT RIGHT
ANGLE HEADER
30700-5147



16 CIRCUIT RIGHT
ANGLE HEADER
30700-5167



18 CIRCUIT RIGHT
ANGLE HEADER
30700-5187



20 CIRCUIT RIGHT
ANGLE HEADER
30700-5207

SEE ECN# UAU2001-0258 EC NO: UAU2017-0015 DRAWN: JFSCHEER0205/06/09 CHKD: APPR: RBAUMAN 2016/07/15 REV B4	DESCRIPTION QUALITY SYMBOLS ▽-0 ▽-0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY															
		<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>2 PLACES</td><td>±0.13</td><td>±---</td></tr><tr><td>1 PLACE</td><td>±0.25</td><td>±---</td></tr></table>			mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	DIMENSION STYLE MM ONLY		TITLE	6-20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY
			mm	INCH																		
		4 PLACES	±---	±---																		
		3 PLACES	±---	±---																		
		2 PLACES	±0.13	±---																		
1 PLACE	±0.25	±---																				
ANGULAR ± 1 °		DRAWN BY RCARLSON	DATE 01/03/20	CHECKED BY CKRISHNA	DATE 01/03/27	MOLEX MOLEX INCORPORATED																
DRAFT WHERE APPLICABLE		APPROVED BY LGEIB	DATE 01/03/28	MATERIAL NO.	DOCUMENT NO.	ENTER-PART SD-30700-520																
MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 3																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

11 10 9 8 7 6 5 4 3 2 1

PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS						
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	RIGHT ANGLE HEADER ASSEMBLY (POLARIZATION OPTIONS)	CIRCUIT SIZE	A	B	(C)	D	(E)	HOUSING COLOR	STATUS
30700-5207	30700-5204	POLARIZATION OPTION #1	20	33.39	22.86	31.14	28.38	12.57	GRAY	RELEASED
30700-5208	30700-5205	POLARIZATION OPTION #2	20	33.39	22.86	31.14	28.38	15.57	BLACK	RELEASED
30700-5209	30700-5206	POLARIZATION OPTION #3	20	33.39	22.86	31.14	28.38	18.57	NATURAL (CREAM)	RELEASED
30700-5187	30700-5184	POLARIZATION OPTION #1	18	30.85	20.32	28.60	25.84	11.31	GRAY	RELEASED
30700-5188	30700-5185	POLARIZATION OPTION #2	18	30.85	20.32	28.60	25.84	14.31	BLACK	RELEASED
30700-5189	30700-5186	POLARIZATION OPTION #3	18	30.85	20.32	28.60	25.84	17.31	NATURAL (CREAM)	RELEASED
30700-5167	30700-5164	POLARIZATION OPTION #1	16	28.31	17.78	26.06	23.30	10.04	GRAY	RELEASED
30700-5168	30700-5165	POLARIZATION OPTION #2	16	28.31	17.78	26.06	23.30	13.04	BLACK	RELEASED
30700-5169	30700-5166	POLARIZATION OPTION #3	16	28.31	17.78	26.06	23.30	16.04	NATURAL (CREAM)	RELEASED
30700-5147	30700-5144	POLARIZATION OPTION #1	14	25.77	15.24	23.52	20.76	8.77	GRAY	RELEASED
30700-5148	30700-5145	POLARIZATION OPTION #2	14	25.77	15.24	23.52	20.76	11.77	BLACK	RELEASED
30700-5149	30700-5146	POLARIZATION OPTION #3	14	25.77	15.24	23.52	20.76	14.77	NATURAL (CREAM)	RELEASED
30700-5120	30700-5124	POLARIZATION OPTION #1	12	23.23	12.70	20.98	18.22	7.50	GRAY	RELEASED
30700-5121	30700-5125	POLARIZATION OPTION #2	12	23.23	12.70	20.98	18.22	10.50	BLACK	RELEASED
30700-5122	30700-5126	POLARIZATION OPTION #3	12	23.23	12.70	20.98	18.22	13.50	NATURAL (CREAM)	RELEASED
30700-5100	30700-5104	POLARIZATION OPTION #1	10	20.69	10.16	18.44	15.68	6.23	GRAY	RELEASED
30700-5101	30700-5105	POLARIZATION OPTION #2	10	20.69	10.16	18.44	15.68	9.23	BLACK	RELEASED
30700-5102	30700-5106	POLARIZATION OPTION #3	10	20.69	10.16	18.44	15.68	12.23	NATURAL (CREAM)	RELEASED
30700-5080	30700-5084	POLARIZATION OPTION #1	8	18.15	7.62	15.90	13.14	4.96	GRAY	RELEASED
30700-5081	30700-5085	POLARIZATION OPTION #2	8	18.15	7.62	15.90	13.14	7.96	BLACK	RELEASED
30700-5082	30700-5086	POLARIZATION OPTION #3	8	18.15	7.62	15.90	13.14	10.96	NATURAL (CREAM)	RELEASED
30700-5060	30700-5064	POLARIZATION OPTION #1	6	15.61	5.08	13.36	10.60	3.69	GRAY	RELEASED
30700-5061	30700-5065	POLARIZATION OPTION #2	6	15.61	5.08	13.36	10.60	6.69	BLACK	RELEASED
30700-5062	30700-5066	POLARIZATION OPTION #3	6	15.61	5.08	13.36	10.60	9.69	NATURAL (CREAM)	RELEASED
30700-5067	TBD	POLARIZATION OPTION #1 (MOAT)	6	15.61	5.08	13.36	10.60	3.69	GRAY	RELEASED
30700-5068	TBD	POLARIZATION OPTION #2 (MOAT)	6	15.61	5.08	13.36	10.60	6.69	BLACK	RELEASED
30700-5069	TBD	POLARIZATION OPTION #3 (MOAT)	6	15.61	5.08	13.36	10.60	9.69	NATURAL (CREAM)	RELEASED

ENTER DESCRIPTION EC NO: UAU2017-0015 DRAWN BY: SHERO1 2015/06/09 CHKD: APPR:BAUMAN 2016/07/15 B4	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY DATE		6-20 CIRCUIT RIGHT ANGLE HEADER ASSEMBLY molex			
		4 PLACES ± --- ± ---		R CARLSON 01/03/20					
		3 PLACES ± --- ± ---		CHECKED BY DATE					
		2 PLACES ± 0.13 ± ---		CKR I SHNA 01/03/27					
1 PLACE ± 0.25 ± ---		APPROVED BY DATE		DOCUMENT NO. SD-30700-520					
0 PLACE ± --- ± ---		LGE I B 01/03/28							
ANGULAR ± 1 °		MATERIAL NO. 9999999999							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3 OF 3			