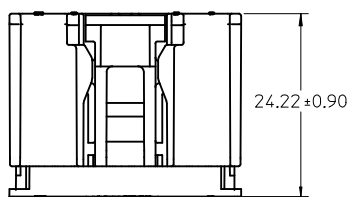
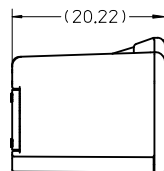


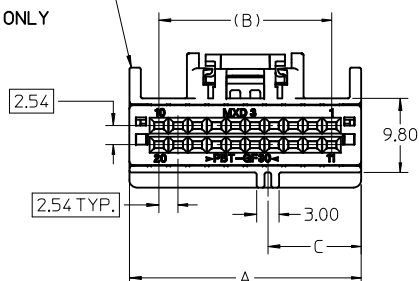
CONNECTORS WITHOUT BRIDGE OPTION



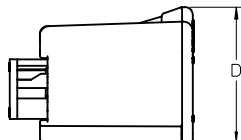
TPS SHOWN IN FULLY SEATED POSITION



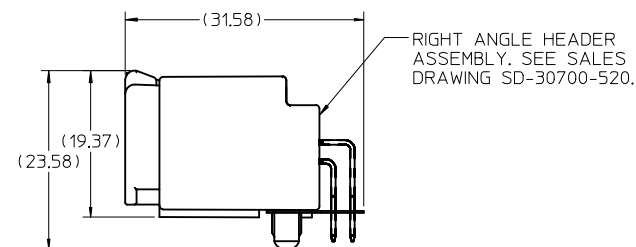
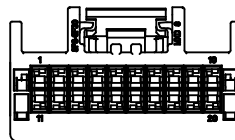
SCOOP PROOF RIBS
FOR CIRCUIT SIZES
14 THROUGH 20 ONLY



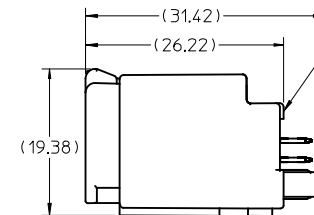
20 CIRCUIT HARNESS
ASSEMBLY SHOWN



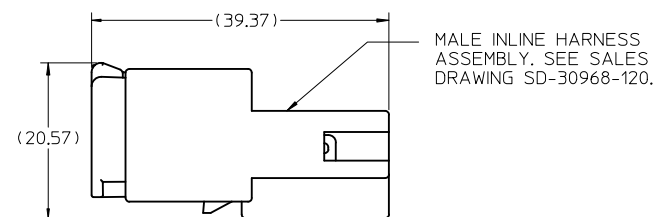
WITH TPA IN PRE-LOAD
(AS SHIPPED)



MATED VIEW



MATED VIEW

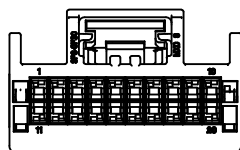


MATED VIEW

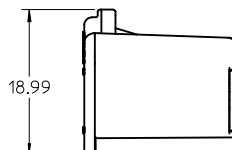
NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TPA: PBT, GLASS FILLED, COLOR: RED.
2. PRODUCT SPECIFICATION: PS-30700-0001
3. PACKAGING SPECIFICATION: PK-30907-417
4. MATES WITH: SERIES 30700 & 30968, SEE SALES DRAWINGS SD-30700-520, SD-30700-420 & SD-30968-120.

CONNECTORS WITH BRIDGE OPTION

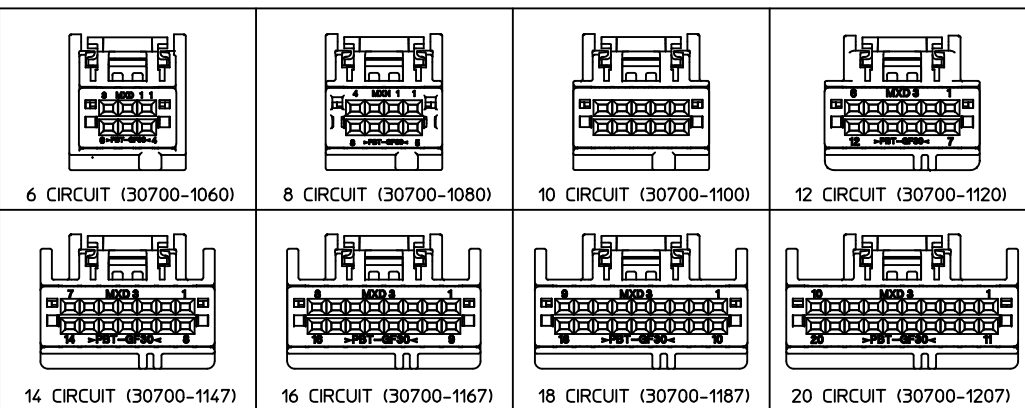
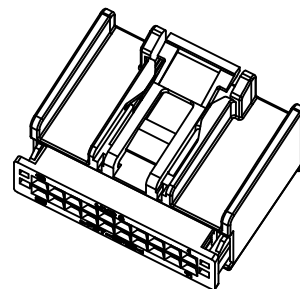


20 CIRCUIT HARNESS
ASSEMBLY SHOWN



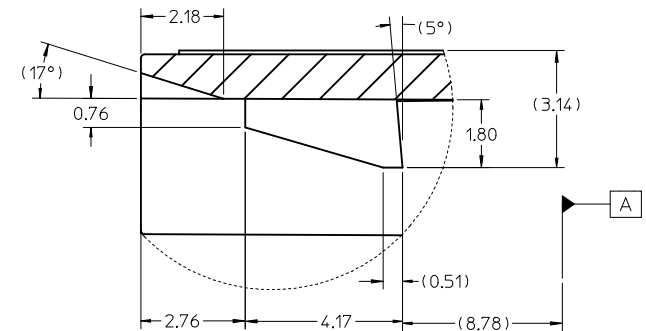
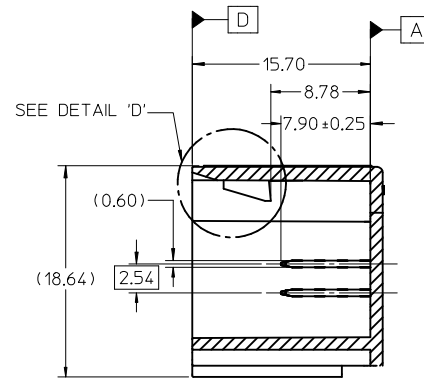
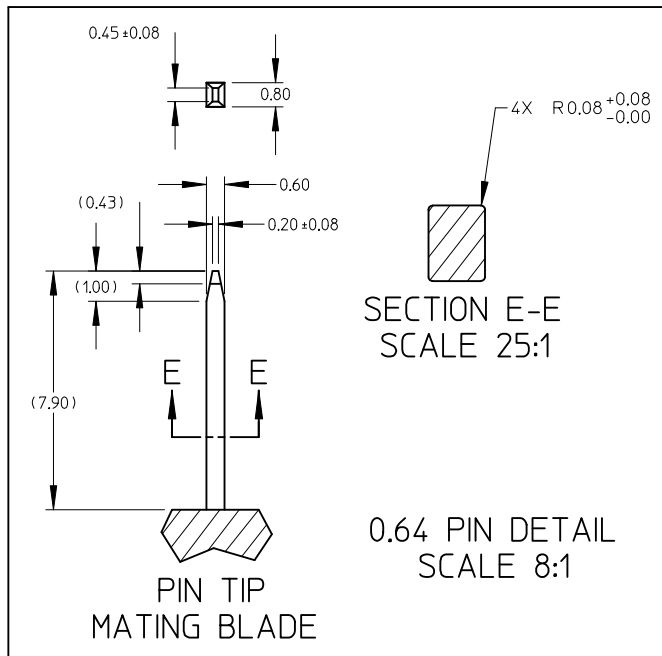
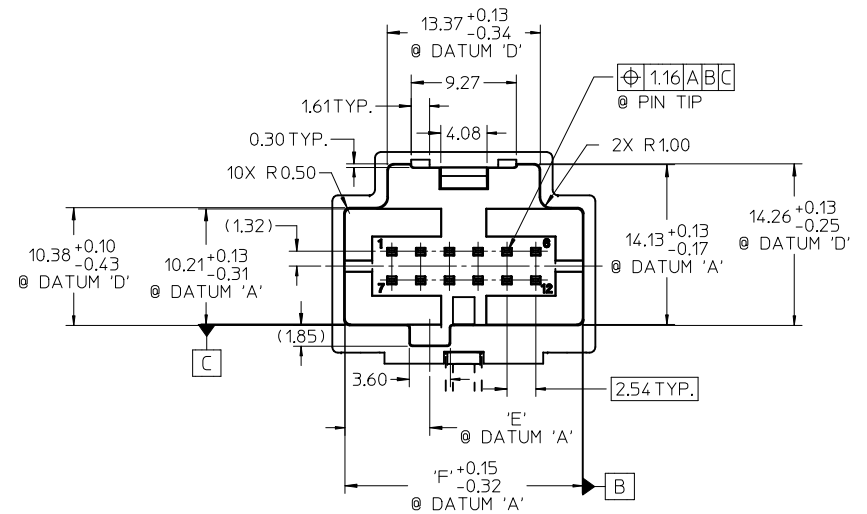
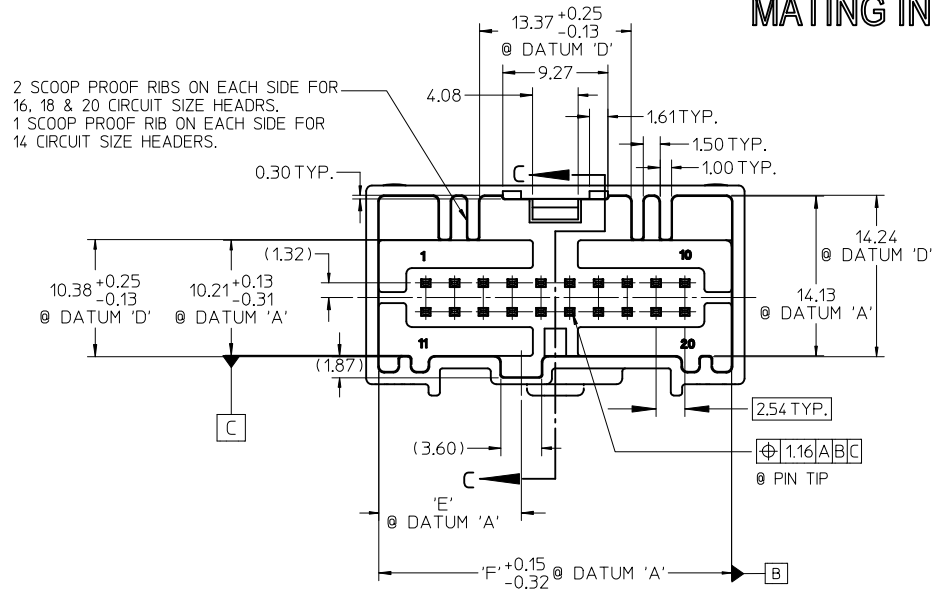
EC NO: UAU2013-1288 DRWN: JFISCHERO 2013/02/13 CHKD: APPR: RBAUMAN 2013/02/15	DESCRIPTION	QUALITY SYMBOLS ▽ - 0 ▽ - 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY				
				mm	INCH	DIMENSION STYLE MM ONLY		TITLE 6-20 CIRCUIT HARNESS ASSEMBLY				
			4 PLACES	± ---	± ---	DRAWN BY	DATE					
			3 PLACES	± ---	± ---	RCARLSON	01/03/23	CHECKED BY CKRISHNA 01/03/27	molex MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-30700-120	SHEET NO. 1 OF 3
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.25	± ---	LGEIB	01/03/28					
			ANGULAR ±1/2°		DRAFT WHERE APPLICABLE							
MUST REMAIN WITHIN DIMENSIONS												

ASSEMBLY PART NUMBER		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS					PASS THRU HOLE DIA FOR HARNESS	MATING INTERFACE DIMENSIONS	
WITHOUT BRIDGE	WITH BRIDGE	HARNESS ASSEMBLY (POLARIZATION OPTIONS)	CIRCUIT SIZE	A REF.	(B)	C	D	HOUSING COLOR		E	F
30700-1207	31389-1207	POLARIZATION OPTION #1	20	30.69	22.86	12.35	17.79	GRAY	36.5	12.57	31.14
30700-1208	31389-1208	POLARIZATION OPTION #2	20	30.69	22.86	15.35	17.79	BLACK	36.5	15.57	31.14
30700-1209	31389-1209	POLARIZATION OPTION #3	20	30.69	22.86	18.35	17.79	NATURAL (CREAM)	36.5	18.57	31.14
30700-1187	31389-1187	POLARIZATION OPTION #1	18	28.15	20.32	11.08	17.79	GRAY	34.0	11.31	28.60
30700-1188	31389-1188	POLARIZATION OPTION #2	18	28.15	20.32	14.08	17.79	BLACK	34.0	14.31	28.60
30700-1189	31389-1189	POLARIZATION OPTION #3	18	28.15	20.32	17.08	17.79	NATURAL (CREAM)	34.0	17.31	28.60
30700-1167	31389-1167	POLARIZATION OPTION #1	16	25.61	17.78	9.81	17.79	GRAY	32.0	10.04	26.06
30700-1168	31389-1168	POLARIZATION OPTION #2	16	25.61	17.78	12.81	17.79	BLACK	32.0	13.04	26.06
30700-1169	31389-1169	POLARIZATION OPTION #3	16	25.61	17.78	15.81	17.79	NATURAL (CREAM)	32.0	16.04	26.06
30700-1147	31389-1147	POLARIZATION OPTION #1	14	23.07	15.24	8.54	17.79	GRAY	30.0	8.77	23.52
30700-1148	31389-1148	POLARIZATION OPTION #2	14	23.07	15.24	11.54	17.79	BLACK	30.0	11.77	23.52
30700-1149	31389-1149	POLARIZATION OPTION #3	14	23.07	15.24	14.54	17.79	NATURAL (CREAM)	30.0	14.77	23.52
30700-1120	31389-1120	POLARIZATION OPTION #1	12	20.53	12.70	7.25	17.79	GRAY	27.5	7.50	20.98
30700-1121	31389-1121	POLARIZATION OPTION #2	12	20.53	12.70	10.27	17.79	BLACK	27.5	10.50	20.98
30700-1122	31389-1122	POLARIZATION OPTION #3	12	20.53	12.70	13.27	17.98	NATURAL (CREAM)	27.5	13.50	20.98
30700-1100	31389-1100	POLARIZATION OPTION #1	10	17.99	10.16	6.00	17.98	GRAY	26.4	6.23	18.44
30700-1101	31389-1101	POLARIZATION OPTION #2	10	17.99	10.16	9.00	17.98	BLACK	26.4	9.23	18.44
30700-1102	31389-1102	POLARIZATION OPTION #3	10	17.99	10.16	12.00	17.98	NATURAL (CREAM)	26.4	12.23	18.44
30700-1080	31389-1080	POLARIZATION OPTION #1	8	15.45	7.62	4.73	17.98	GRAY	25.5	4.96	15.90
30700-1081	31389-1081	POLARIZATION OPTION #2	8	15.45	7.62	7.73	17.98	BLACK	25.5	7.96	15.90
30700-1082	31389-1082	POLARIZATION OPTION #3	8	15.45	7.62	10.73	17.98	NATURAL (CREAM)	25.5	10.96	15.90
30700-1060	31389-1060	POLARIZATION OPTION #1	6	15.44	5.08	3.46	17.98	GRAY	25.5	3.69	13.36
30700-1061	31389-1061	POLARIZATION OPTION #2	6	15.44	5.08	6.46	17.98	BLACK	25.5	6.69	13.36
30700-1062	31389-1062	POLARIZATION OPTION #3	6	15.44	5.08	9.46	17.98	NATURAL (CREAM)	25.5	9.69	13.36

MATERIAL IDENTIFICATION
SYMBOLMX - VENDOR IDENTIFICATION (MOLEX)
X - MANUFACTURING LOCATION
('N' FOR LINCOLN, 'D' FOR AUBURN HILLS)CIRCUIT NUMBER
IDENTIFICATIONSEE CHART FOR MINIMUM
FEED THROUGH DIAMETER
(1MM CLEARANCE ALL AROUND)

EC NO: UAU2013-1288 DRWN: JFISCHERO 2013/02/13 CHKD: APPR: RBAUMAN 2013/02/15	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE		TITLE 6-20 CIRCUIT HARNESS ASSEMBLY		
			4 PLACES	± ---	± ---	MM ONLY				
			3 PLACES	± ---	± ---	DRAWN BY DATE		MOLEX MOLEX INCORPORATED		
			2 PLACES	± 0.13	± ---	RCARLSON 01/03/23				
			1 PLACE	± 0.25	± ---	CHECKED BY DATE				
			ANGULAR ±1/2°		CKRISHNA 01/03/27					
			DRAFT WHERE APPLICABLE		APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
					LGEIB 01/03/28	SEE CHART	SD-30700-120	2 OF 3		
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

MATING INTERFACE DIMENSIONS (REFERENCE ONLY)



EC NO: UAU2013-1288 DRWN: JFISCHER 01/03/02/13 CHK: RBAUMAN APPR: MKNACK 2013/02/15	QUALITY SYMBOLS	 - 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
				mm	INCH	DIMENSION STYLE		6-20 CIRCUIT HARNESS ASSEMBLY		
			4 PLACES	± ---	± ---	MM ONLY				
			3 PLACES	± ---	± ---	DRAWN BY DATE				
			2 PLACES	± 0.13	± ---	RCARLSON 01/03/23				
		 - 0		1 PLACE	± 0.25	± ---	CHECKED BY DATE	MOLEX INCORPORATED		
	ANGULAR			± 1/2 °	CKRISHNA 01/03/27					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DATE		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
				LGEIB 01/03/28			SD-30700-120	3 OF 3		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			C	