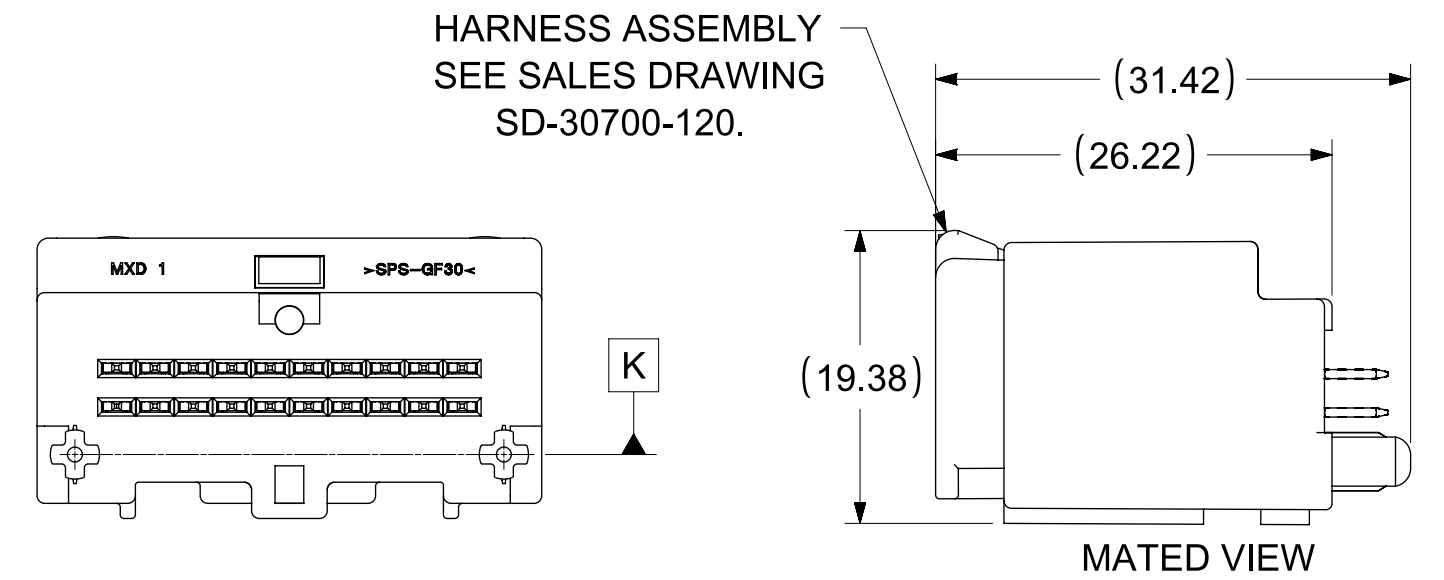
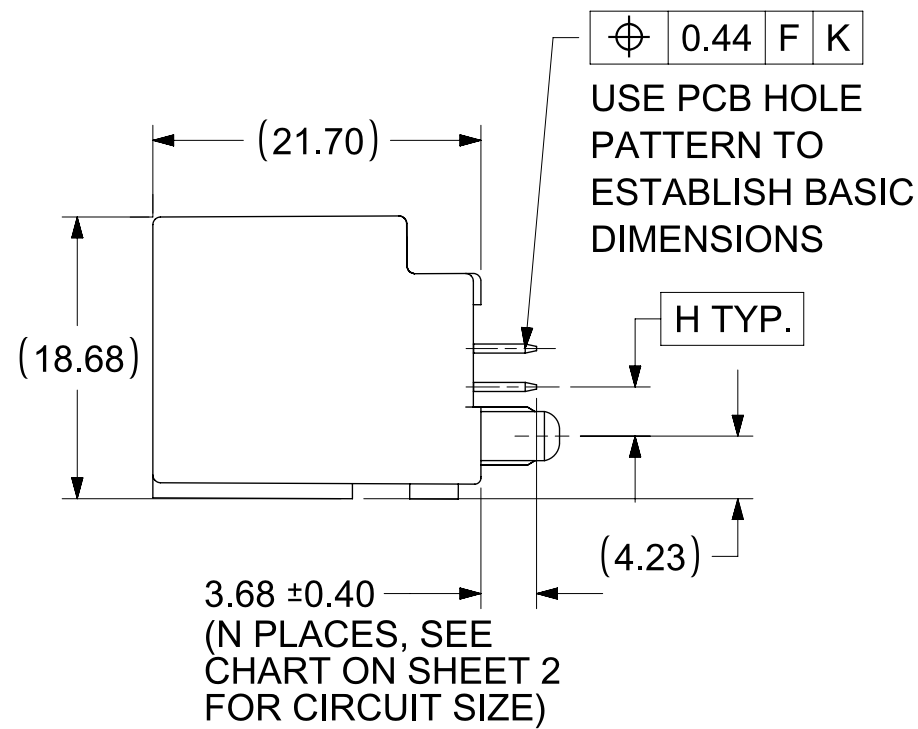
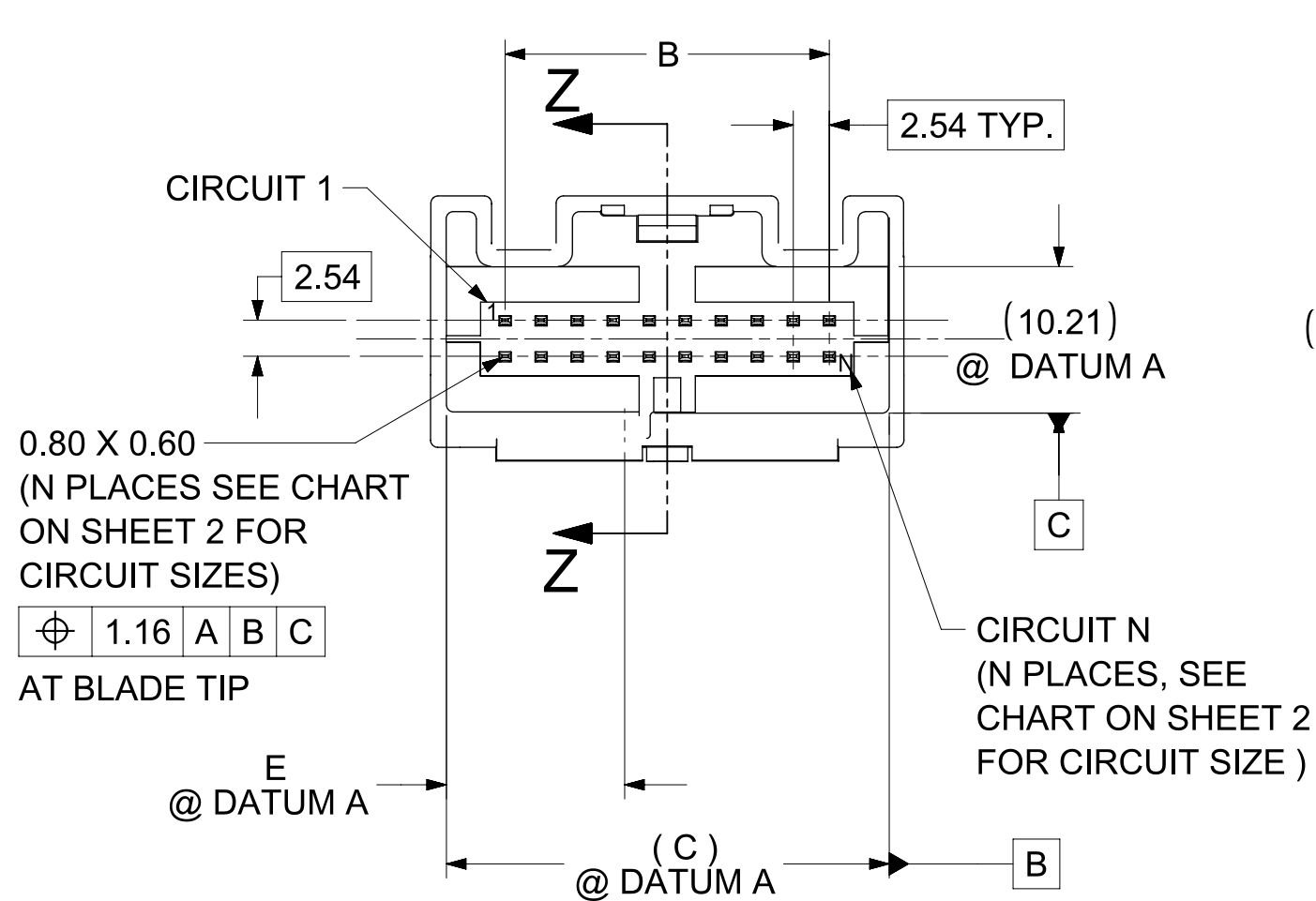
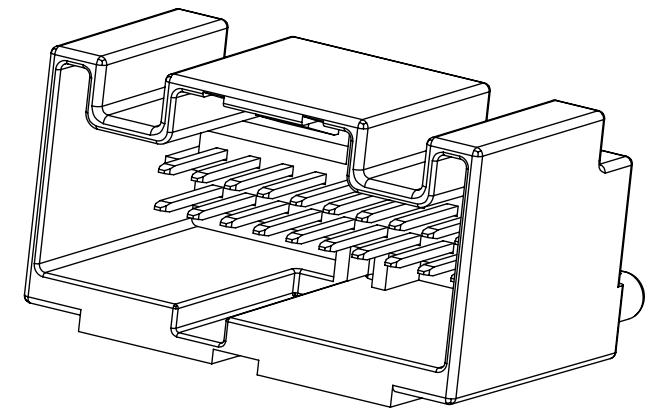
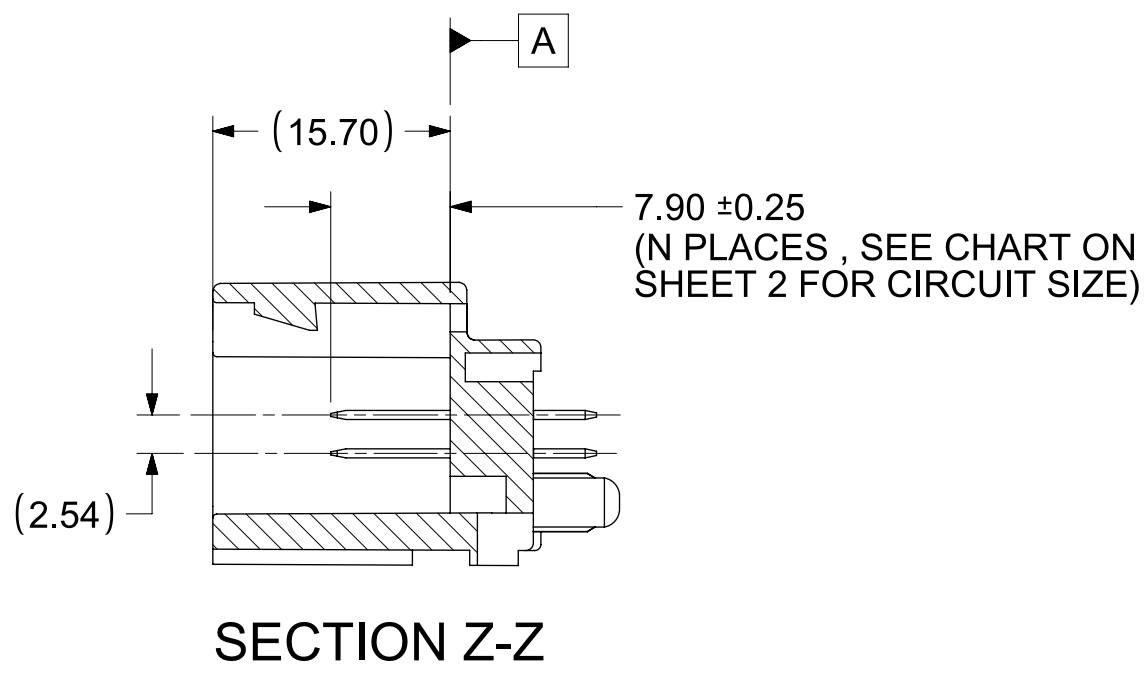
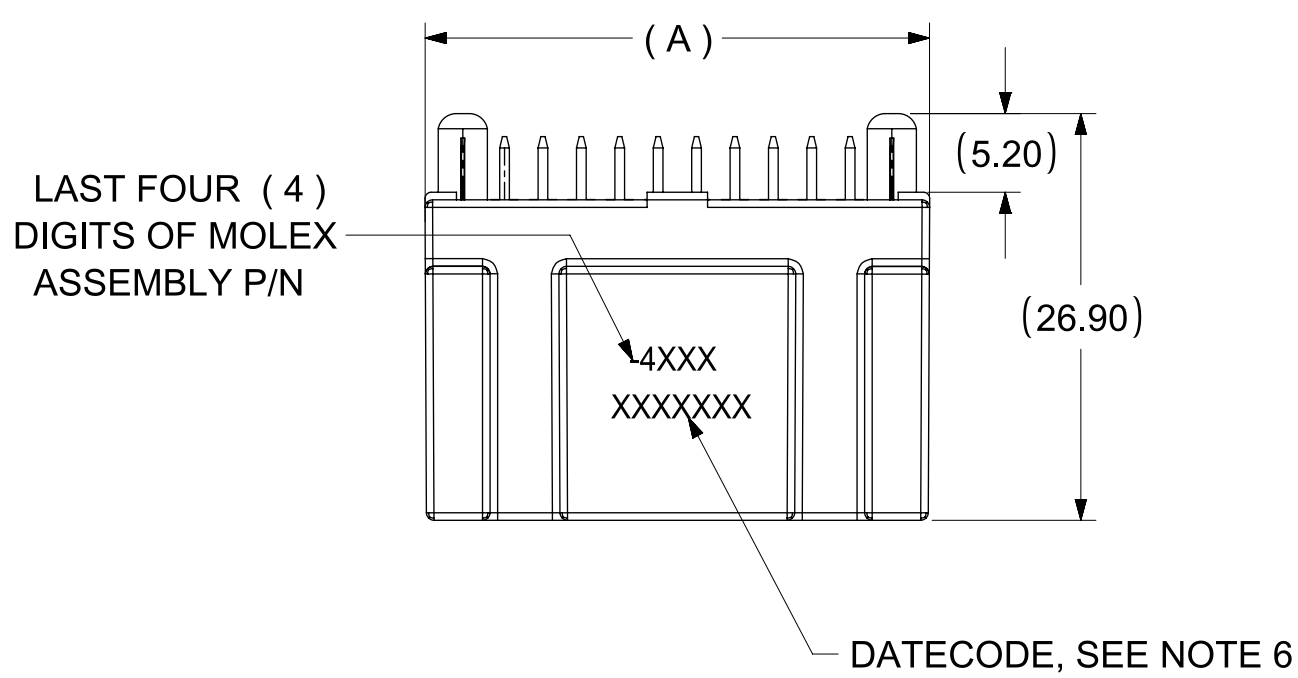
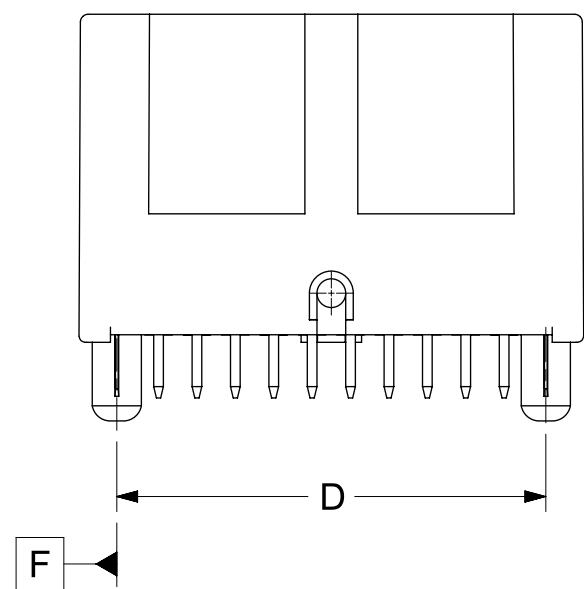




NOTES:

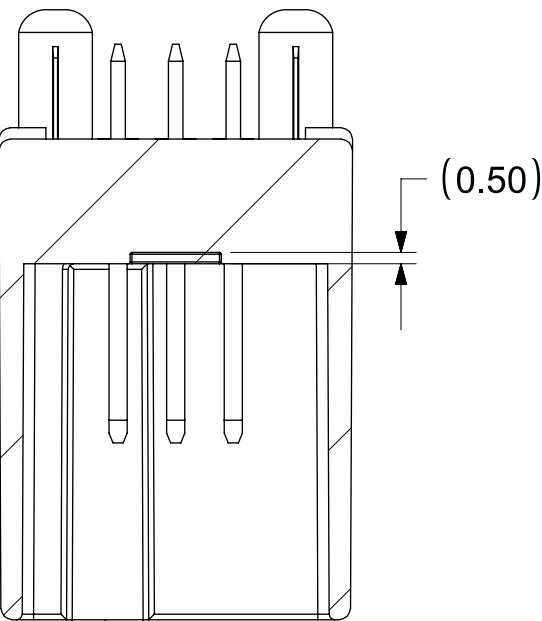
1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART. TERMINAL: COPPER ALLOY C26000.
2. FINISHES: TERMINAL: 1.50-2.50µm TIN (Sn) OVERALL; 1.25µm MIN NICKEL (Ni) UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-30700-0001
4. PACKAGING SPECIFICATION: TUBE: PK-30907-227, TRAY: PK-30907-260
5. MATES WITH: SERIES 30700, SEE SALES DRAWING SD-30700-120.
6. DATECODE DESCRIPTION:
 - 1ST DIGIT: MACHINE ID#
 - 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

20 CIRCUIT VERTICAL HEADER
ASSEMBLY SHOWN

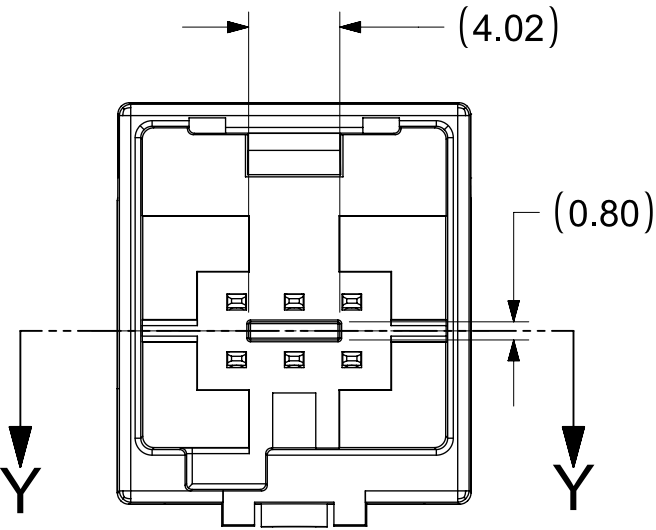


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: Characteristic Circuit N update				molex				
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH										
	DIVISIONAL SYMBOLS	4 PLACES	±	±									STATUS: Production DRWN: migration2025-01-16 CHK'D: FERNANDO DEBERNARDI2025-01-21 APPR: Enrique Dominguez2025-01-30
		3 PLACES	±	±									
		2 PLACES	±	0.130 ±									
		1 PLACE	±	0.25 ±									
		0 PLACES	±	±		PRODUCT CUSTOMER DRAWING							
		ANGULAR TOL		±	1°					DOCUMENT NUMBER		DOC TYPE	DOC PART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE	30700	ENTER-PART		GENERAL MARKET		1 OF 3	

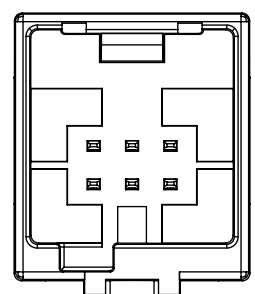
BELOW VIEWS APPLY TO
30700-4067/8/9 PART NUMBERS



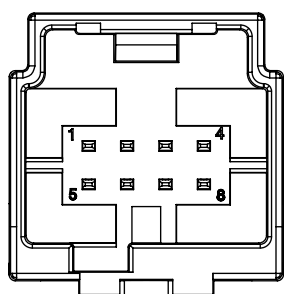
SECTION Y-Y
SCALE 3:1



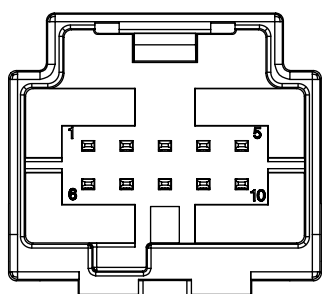
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Characteristic Circuit N update					molex 6-20 CIRCUIT VERTICAL HEADER ASSEMBLY								
	MM		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
			MM	INCH														
= 0	4 PLACES		±	±	STATUS: Production DRWN: migration2025-01-16 CHK'D: FERNANDO DEBERNARDI2025-01-21 APPR: Enrique Dominguez2025-01-30					PRODUCT CUSTOMER DRAWING								
= 0	3 PLACES		±	±														
= 0	2 PLACES		± 0.130	±														
1 PLACE		± 0.25	±															
DIVISIONAL SYMBOLS	0 PLACES		±	±	INITIAL REVISION: DRWN: RCARLSON2001-03-22 APPR: LGEIB2001-04-04					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	ANGULAR TOL		±	1°						SD-30700-420		PSD	001	E5				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
												C-SIZE	30700	ENTER-PART	GENERAL MARKET		2 OF 3	



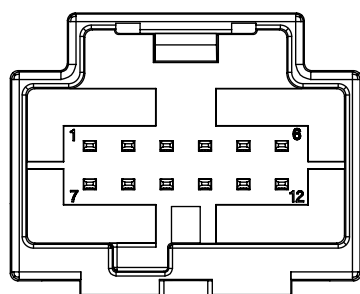
6 CIRCUIT



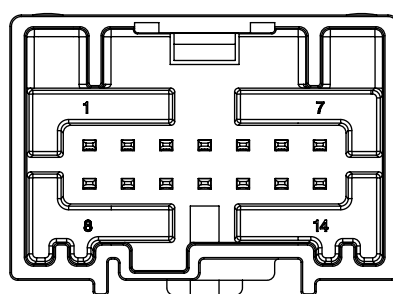
8 CIRCUIT



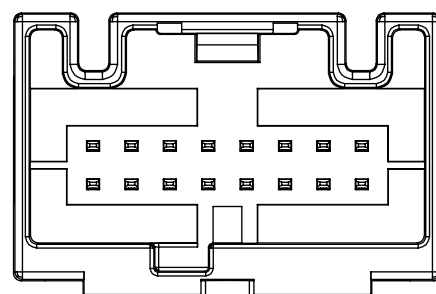
10 CIRCUIT



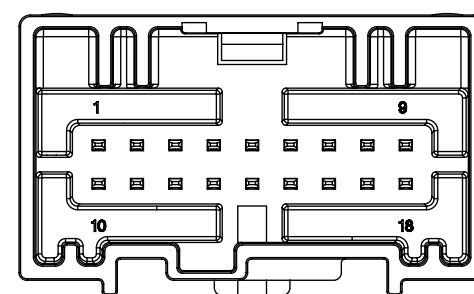
12 CIRCUIT



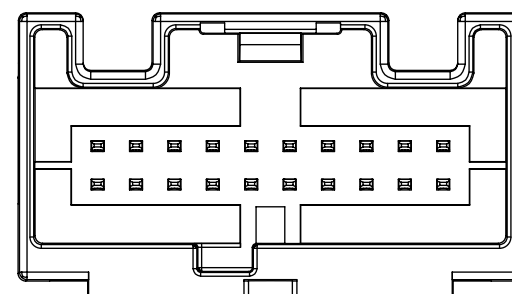
14 CIRCUIT



16 CIRCUIT



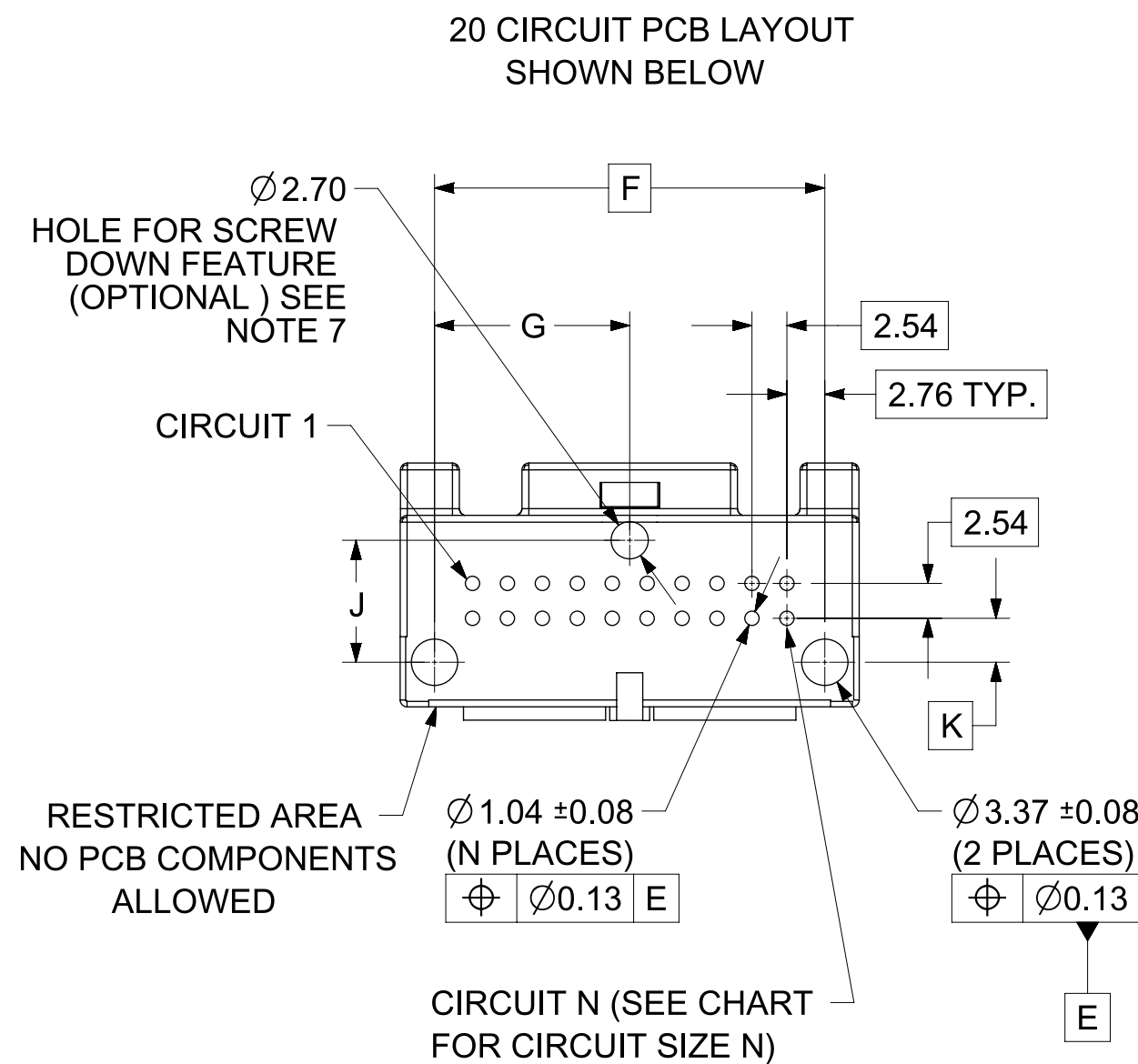
18 CIRCUIT



20 CIRCUIT

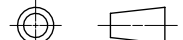
PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS							
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	VERTICAL HEADER ASSEMBLY (POLARIZATION OPTIONS)	CIRCUIT SIZE	(A)	B	(C)	D	E	H	HOUSING COLOR	STATUS
30700-4200	30700-4204	POLARIZATION OPTION #1	20	33.38	22.86	31.14	28.38	12.57	3.20	GRAY	RELEASED
30700-4201	30700-4205	POLARIZATION OPTION #2	20	33.38	22.86	31.14	28.38	15.57		BLACK	RELEASED
30700-4202	30700-4206	POLARIZATION OPTION #3	20	33.38	22.86	31.14	28.38	18.57		NATURAL (CREAM)	RELEASED
30700-4187	---	POLARIZATION OPTION #1	18	30.84	20.32	28.60	25.84	11.31	3.25	GRAY	RELEASED
30700-4188	---	POLARIZATION OPTION #2	18	30.84	20.32	28.60	25.84	14.31		BLACK	RELEASED
30700-4189	---	POLARIZATION OPTION #3	18	30.84	20.32	28.60	25.84	17.31		NATURAL (CREAM)	RELEASED
30700-4160	30700-4164	POLARIZATION OPTION #1	16	28.30	17.78	26.06	23.30	10.04	3.20	GRAY	RELEASED
30700-4161	30700-4165	POLARIZATION OPTION #2	16	28.30	17.78	26.06	23.30	13.04		BLACK	RELEASED
30700-4162	30700-4166	POLARIZATION OPTION #3	16	28.30	17.78	26.06	23.30	16.04		NATURAL (CREAM)	RELEASED
30700-4147	---	POLARIZATION OPTION #1	14	25.76	15.24	23.52	20.76	8.77	3.25	GRAY	RELEASED
30700-4148	---	POLARIZATION OPTION #2	14	25.76	15.24	23.52	20.76	11.77		BLACK	RELEASED
30700-4149	---	POLARIZATION OPTION #3	14	25.76	15.24	23.52	20.76	14.77		NATURAL (CREAM)	RELEASED
30700-4120	30700-4124	POLARIZATION OPTION #1	12	23.22	12.70	20.98	18.22	7.50	3.20	GRAY	RELEASED
30700-4121	30700-4125	POLARIZATION OPTION #2	12	23.22	12.70	20.98	18.22	10.50		BLACK	RELEASED
30700-4122	30700-4126	POLARIZATION OPTION #3	12	23.22	12.70	20.98	18.22	13.50		NATURAL (CREAM)	RELEASED
30700-4100	30700-4104	POLARIZATION OPTION #1	10	20.68	10.16	18.44	15.68	6.23	3.20	GRAY	RELEASED
30700-4101	30700-4105	POLARIZATION OPTION #2	10	20.68	10.16	18.44	15.68	9.23		BLACK	RELEASED
30700-4102	30700-4106	POLARIZATION OPTION #3	10	20.68	10.16	18.44	15.68	12.23		NATURAL (CREAM)	RELEASED
30700-4080	30700-4084	POLARIZATION OPTION #1	8	18.14	7.62	15.90	13.14	4.96	3.20	GRAY	RELEASED
30700-4081	30700-4085	POLARIZATION OPTION #2	8	18.14	7.62	15.90	13.14	7.96		BLACK	RELEASED
30700-4082	30700-4086	POLARIZATION OPTION #3	8	18.14	7.62	15.90	13.14	10.96		NATURAL (CREAM)	RELEASED
30700-4060	30700-4064	POLARIZATION OPTION #1	6	15.60	5.08	13.36	10.60	3.69	3.20	GRAY	RELEASED
30700-4061	30700-4065	POLARIZATION OPTION #2	6	15.60	5.08	13.36	10.60	6.69		BLACK	RELEASED
30700-4062	30700-4066	POLARIZATION OPTION #3	6	15.60	5.08	13.36	10.60	9.69		NATURAL (CREAM)	

30700-4067/8/9 PART NUMBER DENOTES HDAC WITH MOAT FEATURE										
PACKAGING		POLARIZATION OPTIONS & CIRCUIT SIZE				PRODUCT DIMENSIONS				
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	VERTICAL HEADER ASSEMBLY (POLARZIATION OPTIONS)	CIRCUIT SIZE	(A)	B	(C)	D	E	HOUSING COLOR	
30700-4067	TBD	POLARIZATION OPTION #1	6	15.60	5.08	13.36	10.60	3.69	GRAY	RELEASED
30700-4068	TBD	POLARIZATION OPTION #2	6	15.60	5.08	13.36	10.60	6.69	BLACK	RELEASED
30700-4069	TBD	POLARIZATION OPTION #3	6	15.60	5.08	13.36	10.60	9.69	NATURAL (CREAM)	RELEASED



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

PCB LAYOUT DIMENSIONS				
CIRCUIT SIZE (N)	F	G	J	K
20	28.38	14.19	8.87	3.20
18	25.84	12.92	8.94	3.25
16	23.30	11.65	8.87	3.20
14	20.76	10.38	8.94	3.25
12	18.22	9.11	8.87	3.20
10	15.68	7.84	8.87	3.20
8	13.14	6.57	8.87	3.20
6	10.60	5.30	8.87	3.20

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FA = 0 FE = 0 FD = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: Characteristic Circuit N update				molex					
		MM		2:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: migration2025-01-16 CHK'D: FERNANDO DEBERNARDI2025-01-21 APPR: Enrique Dominguez2025-01-30 INITIAL REVISION: DRWN: RCARLSON2001-03-22 APPR: LGEIB2001-04-04				6-20 CIRCUIT VERTICAL HEADER ASSEMBLY					
			MM	INCH											
		4 PLACES	±	±											
		3 PLACES	±	±											
		2 PLACES	± 0.130	±											
1 PLACE	± 0.25	±													
0 PLACES	±	±													
ANGULAR TOL		±	1°					PRODUCT CUSTOMER DRAWING							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				C-SIZE		30700		SD-30700-420		PSD		001		E5	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
								ENTER-PART		GENERAL MARKET				3 OF 3	