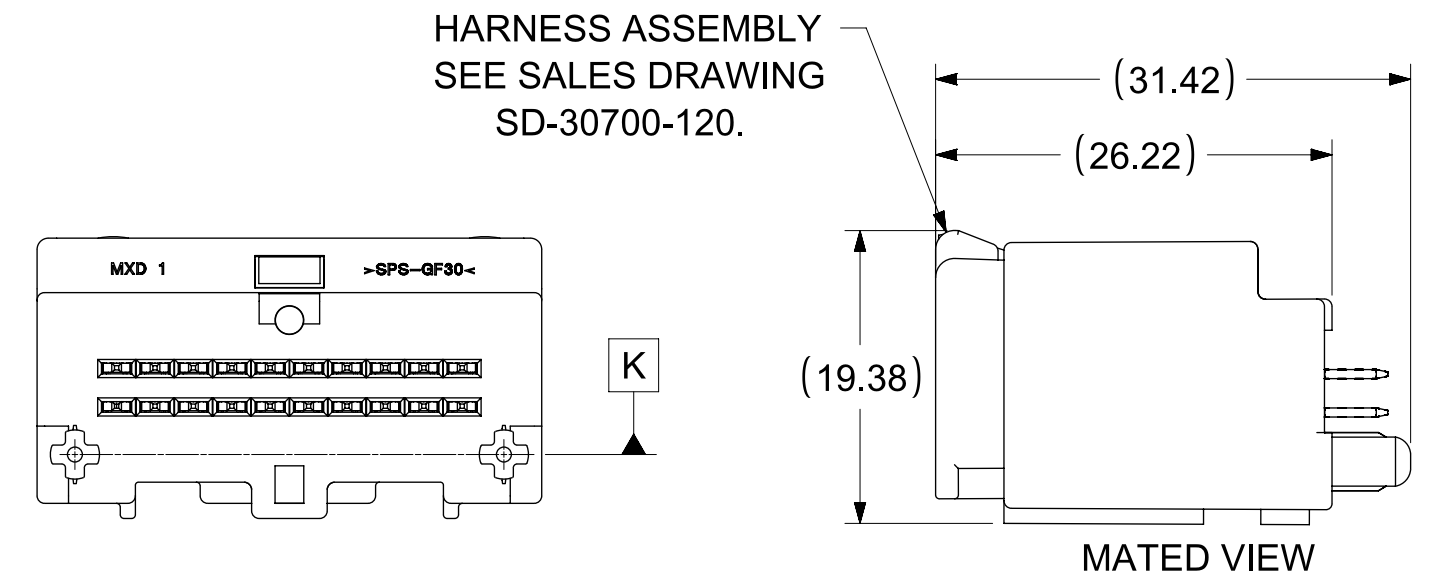
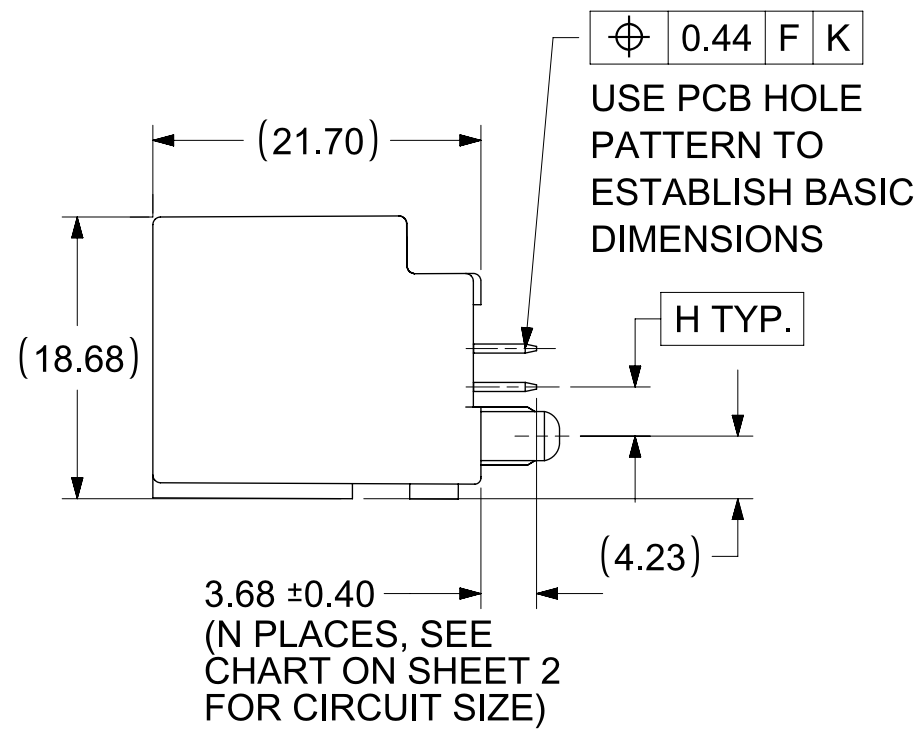
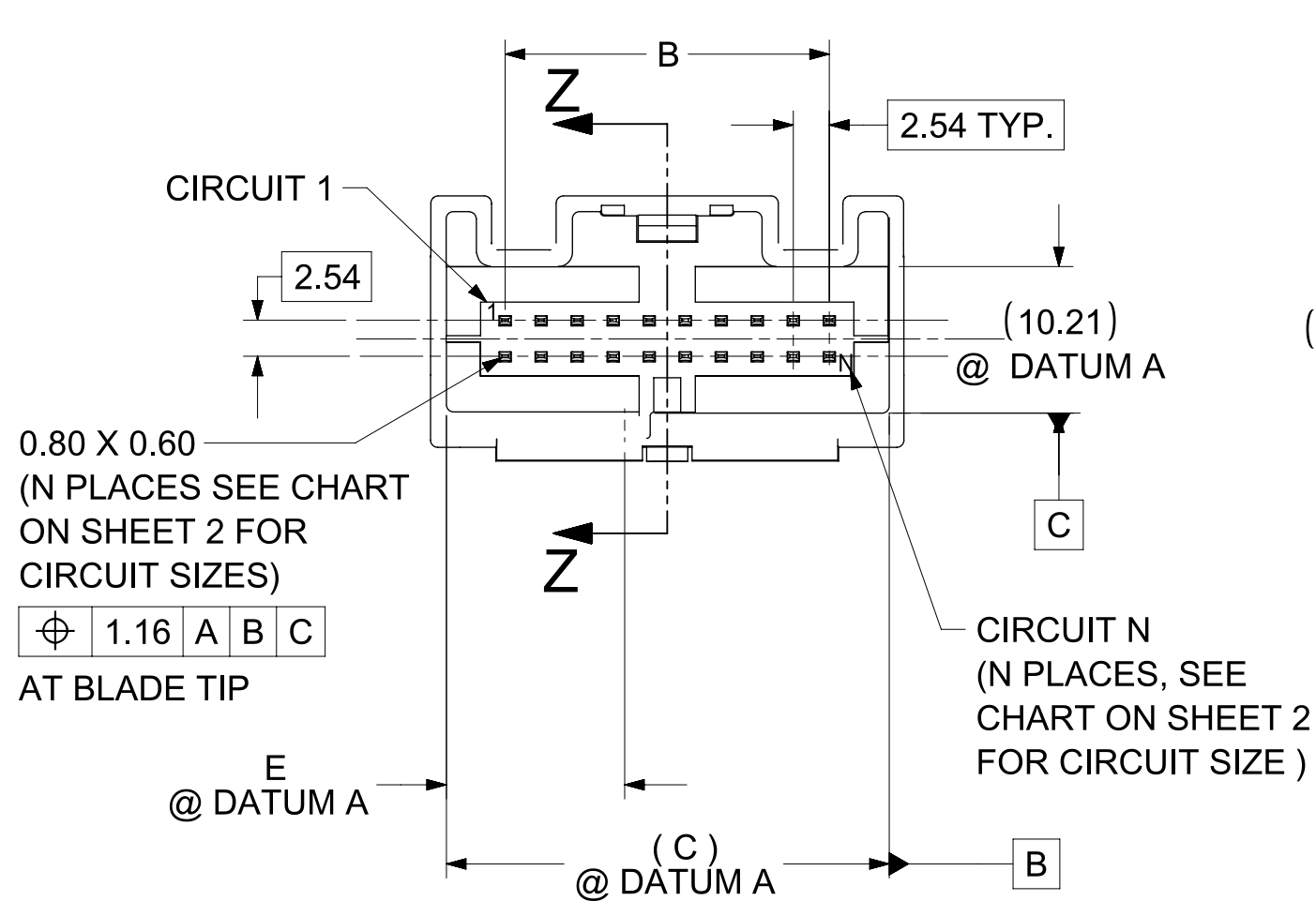
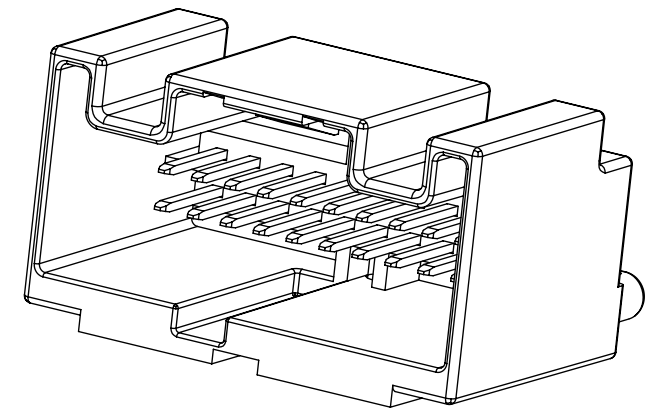
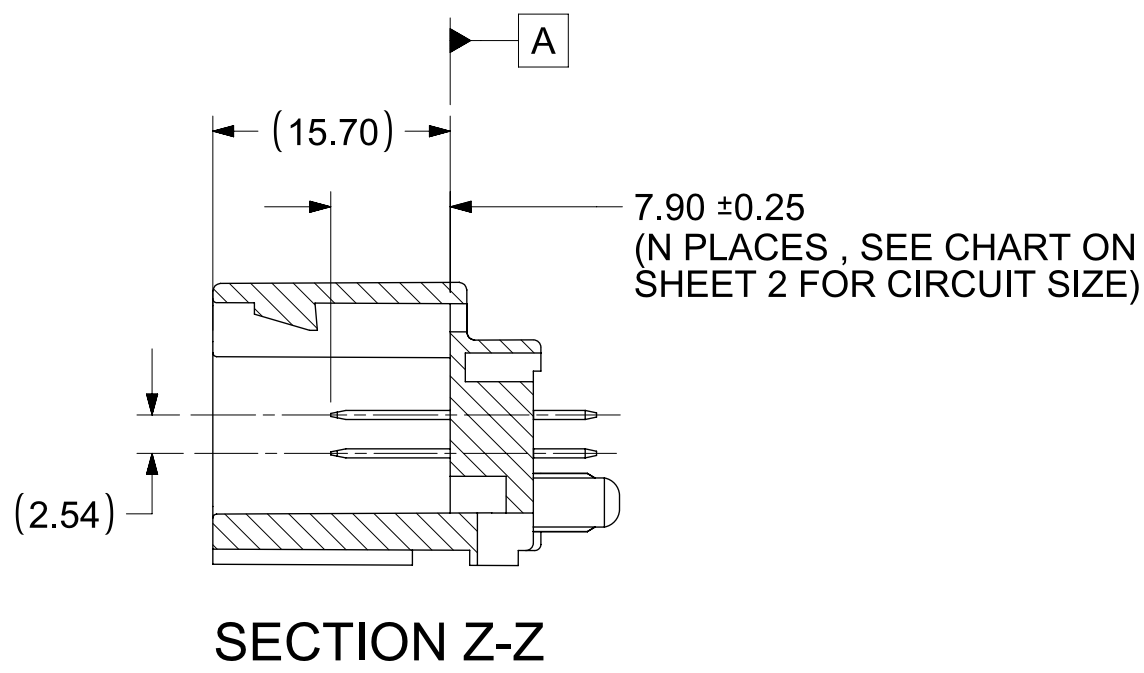
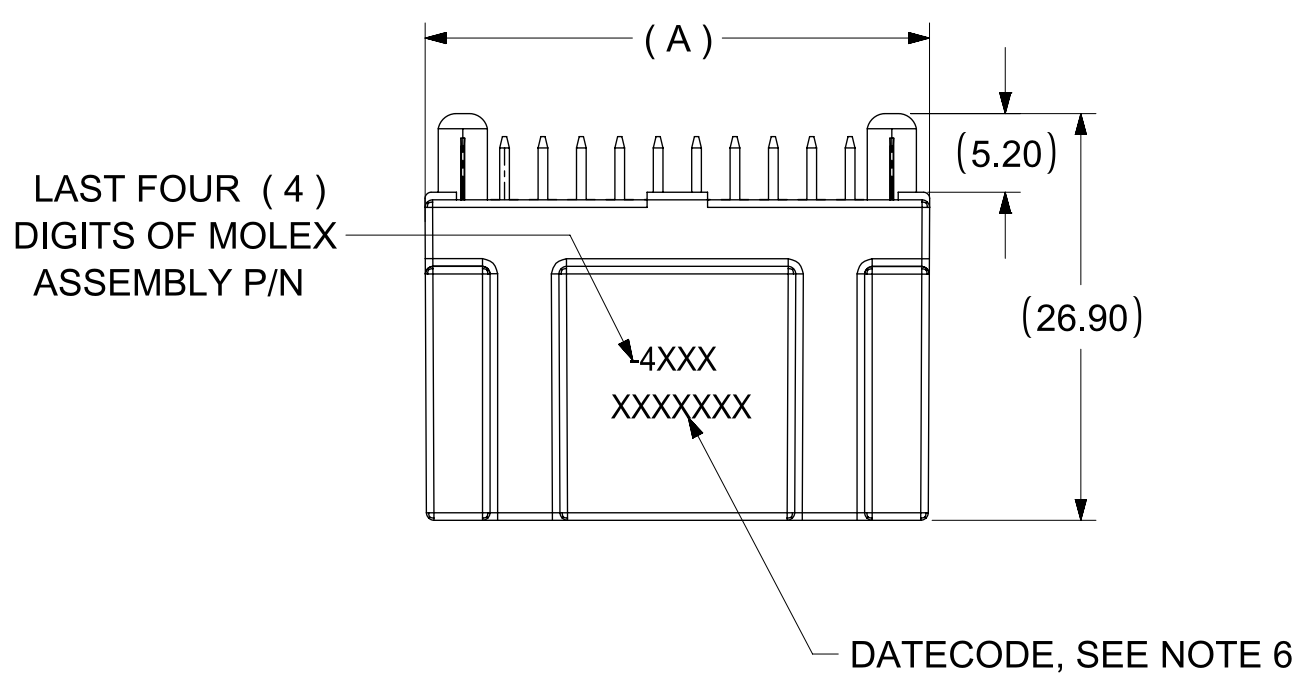
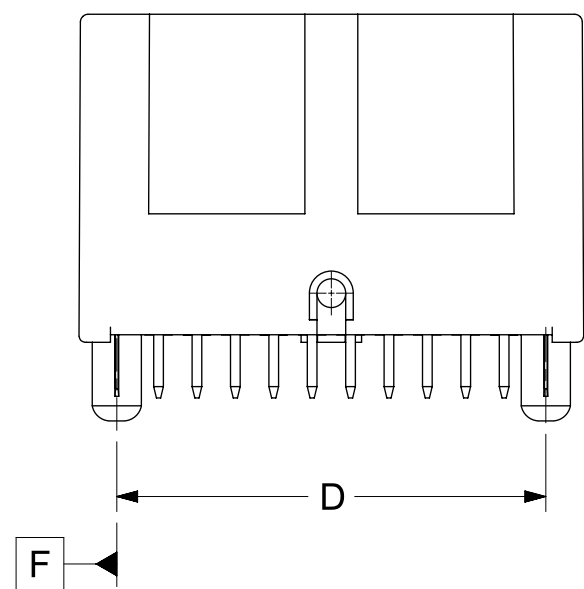




NOTES:

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)													
							6-20 CIRCUIT VERTICAL HEADER ASSEMBLY							
		MM	INCH											
	4 PLACES	±	±											
	3 PLACES	±	±											
	2 PLACES	±	0.130	±										
	1 PLACE	±	0.25	±										
	0 PLACES	±	±											
DIVISIONAL SYMBOLS	ANGULAR TOL		±	1°	INITIAL REVISION:					PRODUCT CUSTOMER DRAWING				
	DRWN: RCARLSON					2001-03-22		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
	APPR: LGEIB					2001-04-04		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		1 OF 3			

molex

6-20 CIRCUIT
VERTICAL
HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

SD-30700-420

PSD

001

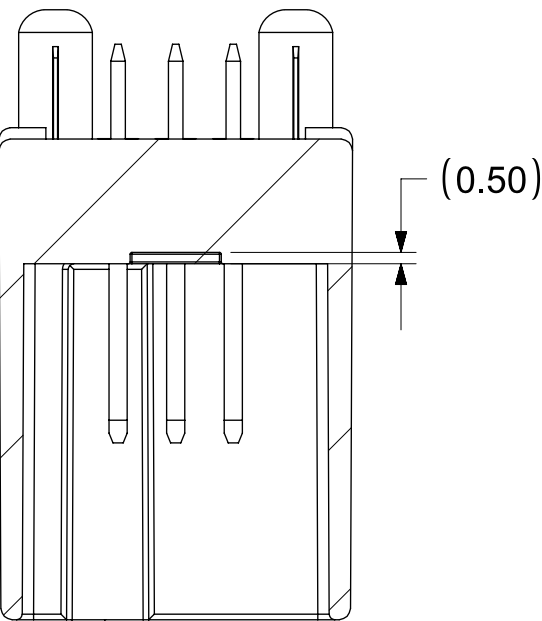
E5

ENTER-PART

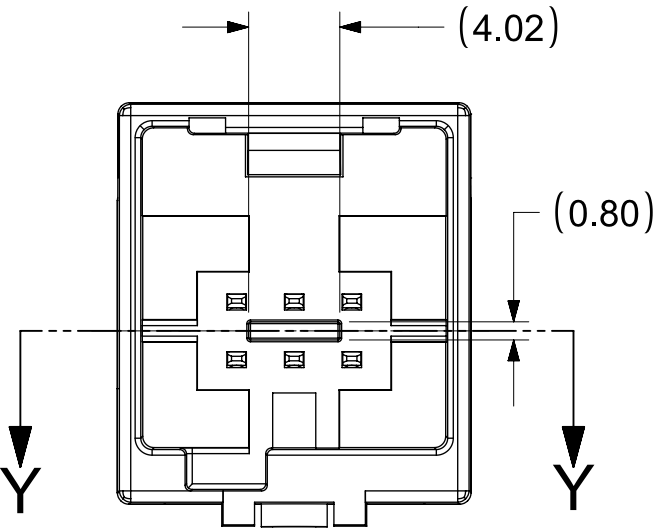
GENERAL MARKET

1 OF 3

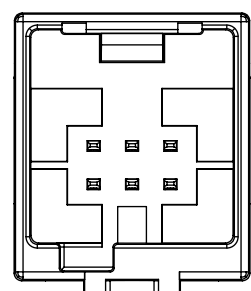
BELOW VIEWS APPLY TO
30700-4067/8/9 PART NUMBERS



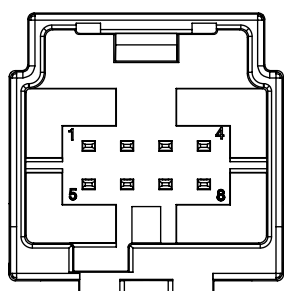
SECTION Y-Y
SCALE 3:1



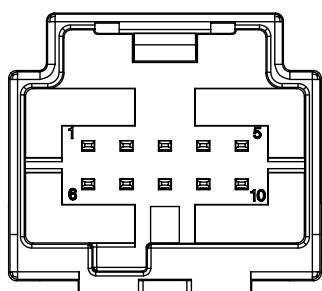
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Characteristic Circuit N update				molex 6-20 CIRCUIT VERTICAL HEADER ASSEMBLY							
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
		MM	INCH													
DIVISIONAL SYMBOLS	4 PLACES		±		±		STATUS: Production DRWN: migration 2025-01-16 CHK'D: FERNANDO DEBERNARDI 2025-01-21 APPR: Enrique Dominguez 2025-01-30									
	3 PLACES		±		±											
	2 PLACES		±	0.130	±											
	1 PLACE		±	0.25	±											
	0 PLACES		±		±		PRODUCT CUSTOMER DRAWING									
	ANGULAR TOL		±	1°		DOCUMENT NUMBER						DOC TYPE		DOC PART	REVISION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING							SERIES		MATERIAL NUMBER		CUSTOMER
					C-SIZE		30700		ENTER-PART		GENERAL MARKET		2 OF 3			



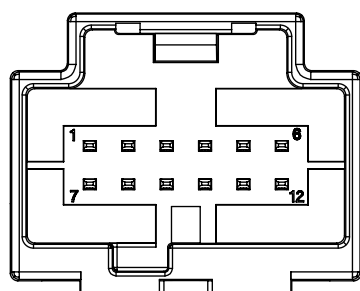
6 CIRCUIT



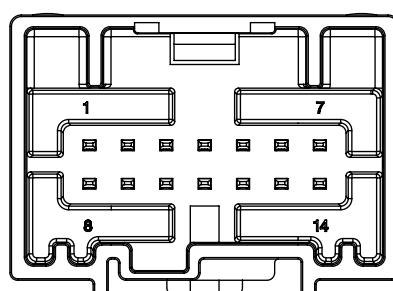
8 CIRCUIT



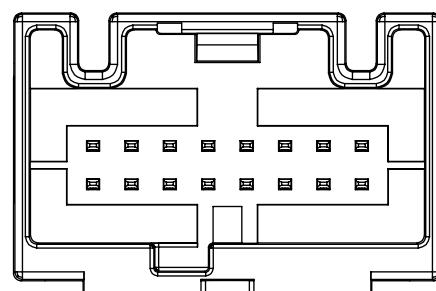
10 CIRCUIT



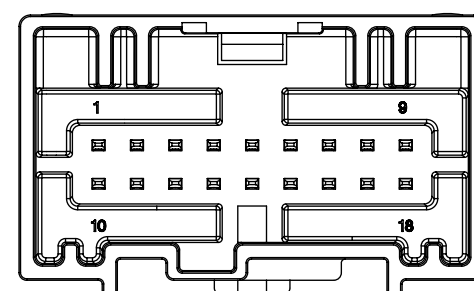
12 CIRCUIT



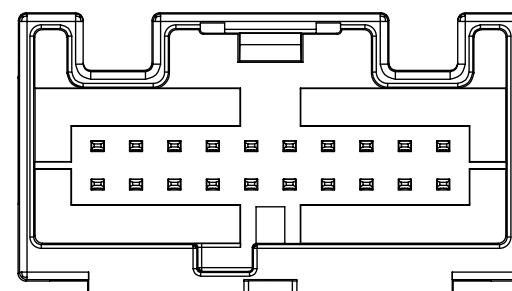
14 CIRCUIT



16 CIRCUIT

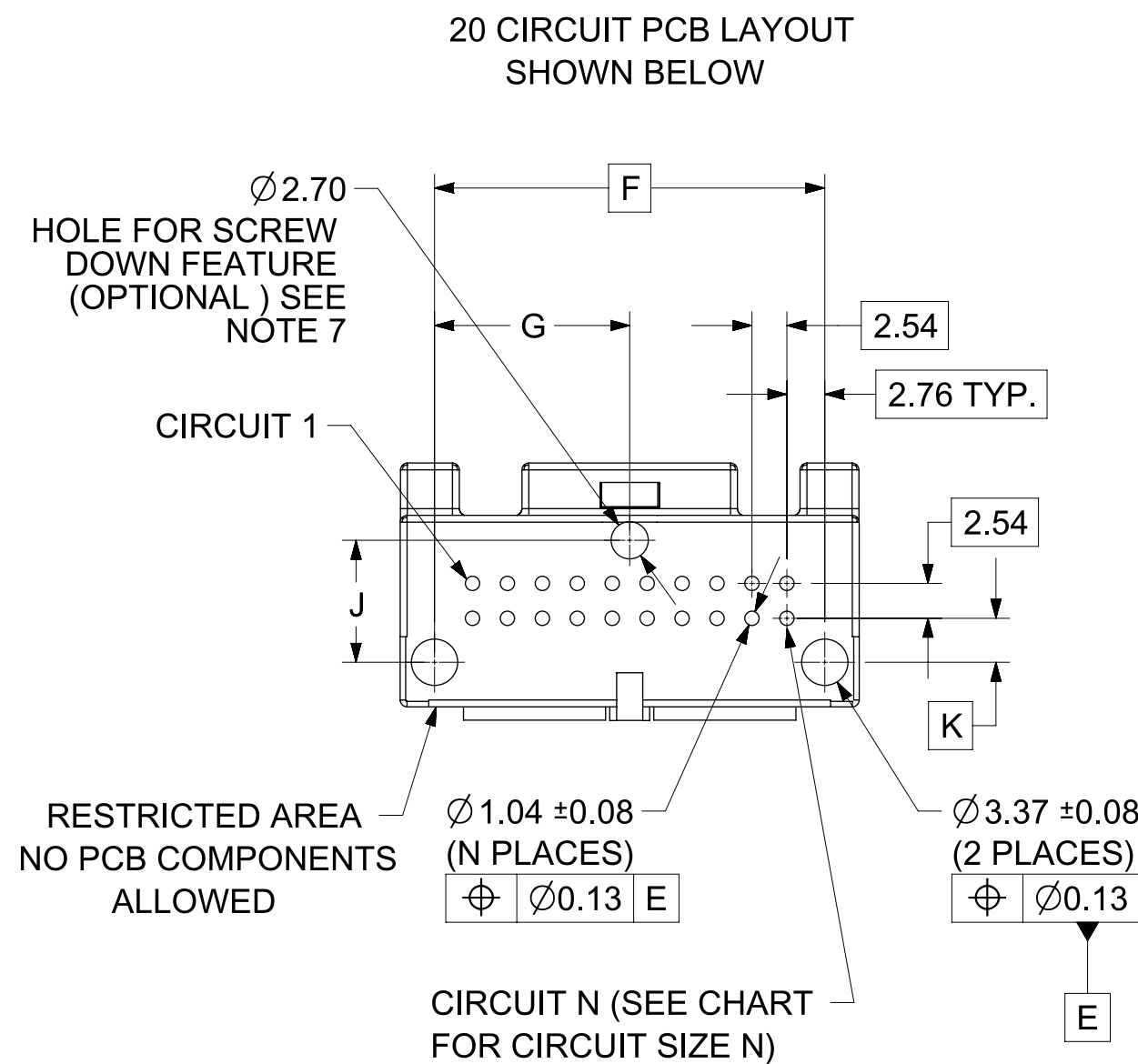


18 CIRCUIT



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)	



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

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 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									
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