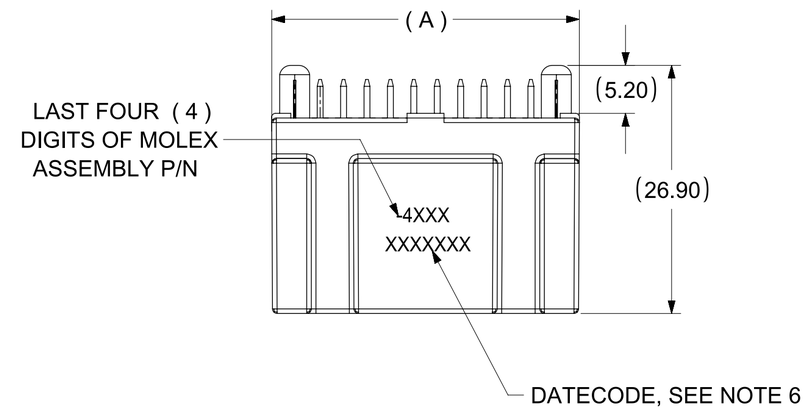
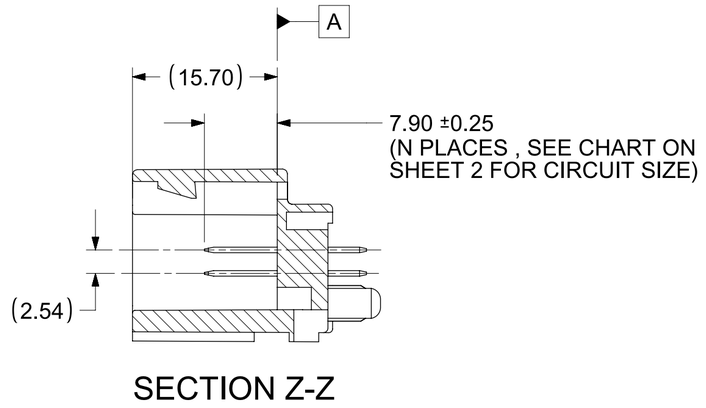
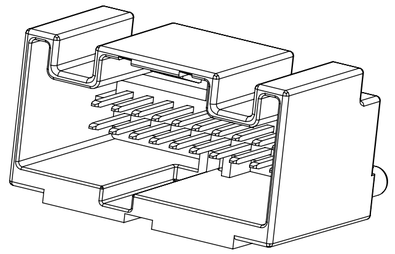
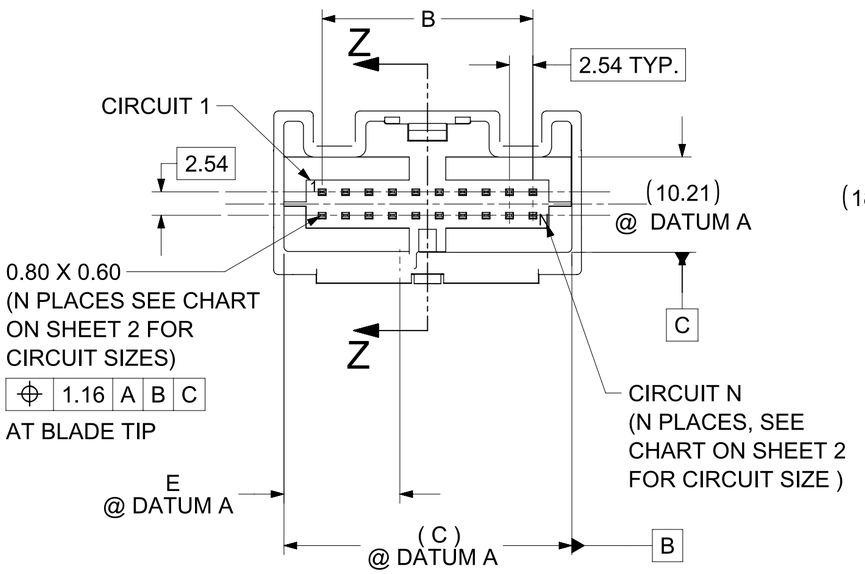
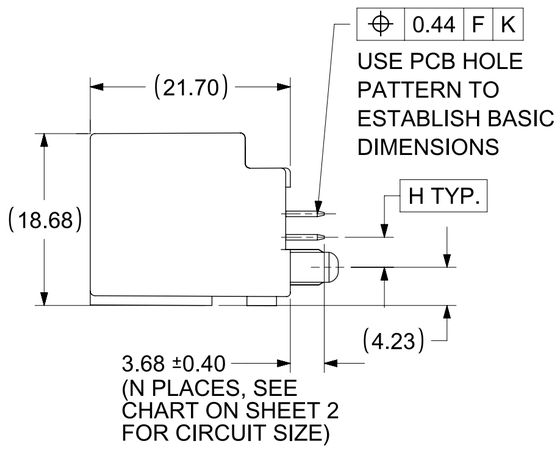


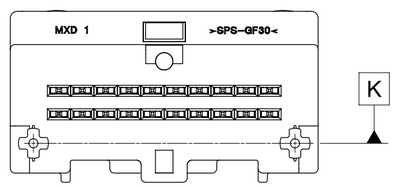


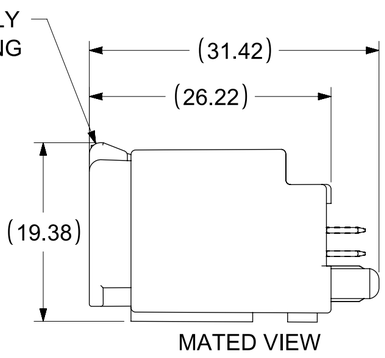
SECTION Z-Z

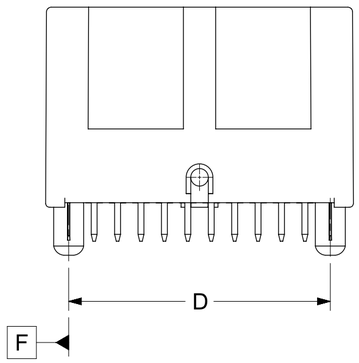












20 CIRCUIT VERTICAL HEADER ASSEMBLY SHOWN

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS	FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS	
DIMENSION UNITS	MM
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH
4 PLACES	± / ±
3 PLACES	± / ±
2 PLACES	± 0.130 / ±
1 PLACE	± 0.25 / ±
0 PLACES	± / ±
ANGULAR TOL	± 1°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
CURRENT REV DESC:	Characteristic Circuit N update
STATUS:	Production
DRWN:	migration 2025-01-16
CHK'D:	FERNANDO DEBERNARDI 2025-01-21
APPR:	Enrique Dominguez 2025-01-30
INITIAL REVISION:	
DRWN:	RCARLSON 2001-03-22
APPR:	LGEIB 2001-04-04
THIRD ANGLE PROJECTION	
DRAWING	C-SIZE
SERIES	30700
MATERIAL NUMBER	ENTER-PART
CUSTOMER	GENERAL MARKET
SHEET NUMBER	1 OF 3

molex

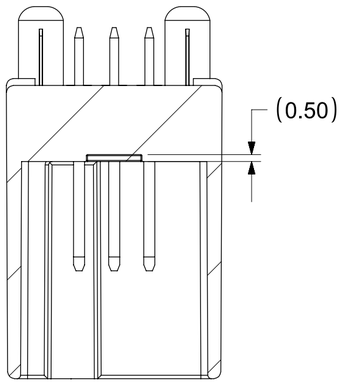
6-20 CIRCUIT
VERTICAL
HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

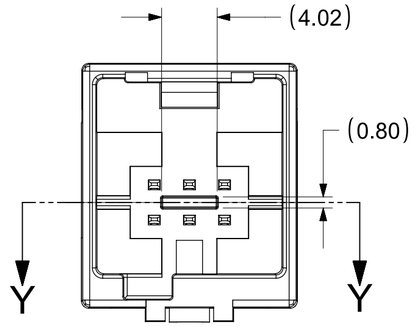
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-30700-420	PSD	001	E5

FORMAT: EngAngle-TC4b-prod-C
REVISION: R
DATE: 2023/10/23

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
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.130	±
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 1°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: Characteristic Circuit N update

STATUS: Production
DRWN: migration 2025-01-16
CHK'D: FERNANDO DEBERNARDI 2025-01-21
APPR: Enrique Dominguez 2025-01-30

INITIAL REVISION:
DRWN: RCARLSON 2001-03-22
APPR: LGEIB 2001-04-04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 30700

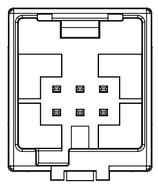
molex

6-20 CIRCUIT
VERTICAL
HEADER ASSEMBLY

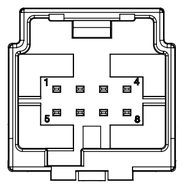
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-30700-420	PSD	001	E5

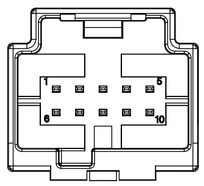
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
ENTER-PART	GENERAL MARKET	2 OF 3



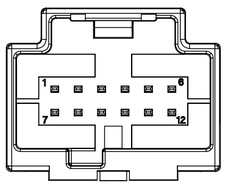
6 CIRCUIT



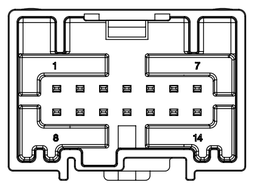
8 CIRCUIT



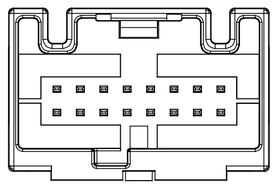
10 CIRCUIT



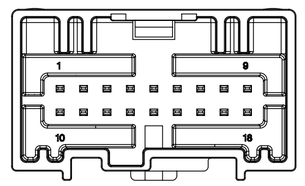
12 CIRCUIT



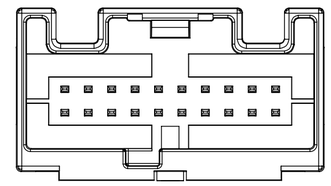
14 CIRCUIT



16 CIRCUIT



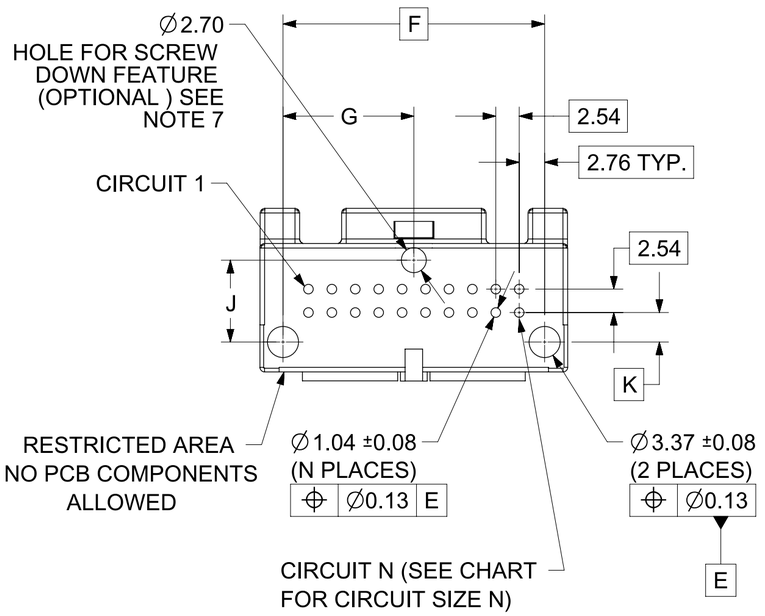
18 CIRCUIT



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		GRAY	RELEASED
30700-4201	30700-4205	POLARIZATION OPTION #2	20	33.38	22.86	31.14	28.38	15.57	3.20	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		GRAY	RELEASED
30700-4188	---	POLARIZATION OPTION #2	18	30.84	20.32	28.60	25.84	14.31	3.25	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		GRAY	RELEASED
30700-4161	30700-4165	POLARIZATION OPTION #2	16	28.30	17.78	26.06	23.30	13.04	3.20	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		GRAY	RELEASED
30700-4148	---	POLARIZATION OPTION #2	14	25.76	15.24	23.52	20.76	11.77	3.25	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		GRAY	RELEASED
30700-4121	30700-4125	POLARIZATION OPTION #2	12	23.22	12.70	20.98	18.22	10.50	3.20	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		GRAY	RELEASED
30700-4101	30700-4105	POLARIZATION OPTION #2	10	20.68	10.16	18.44	15.68	9.23	3.20	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		GRAY	RELEASED
30700-4081	30700-4085	POLARIZATION OPTION #2	8	18.14	7.62	15.90	13.14	7.96	3.20	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		GRAY	RELEASED
30700-4061	30700-4065	POLARIZATION OPTION #2	6	15.60	5.08	13.36	10.60	6.69	3.20	BLACK	RELEASED
30700-4062	30700-4066	POLARIZATION OPTION #3	6	15.60	5.08	13.36	10.60	9.69		NATURAL (CREAM)	

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	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

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

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.130	±
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 1°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: Characteristic Circuit N update

STATUS: Production
DRWN: migration 2025-01-16
CHK'D: FERNANDO DEBERNARDI 2025-01-21
APPR: Enrique Dominguez 2025-01-30

INITIAL REVISION:
DRWN: RCARLSON 2001-03-22
APPR: LGEIB 2001-04-04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 30700

molex

6-20 CIRCUIT
VERTICAL
HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-30700-420	PSD	001	E5

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
ENTER-PART	GENERAL MARKET	3 OF 3

FORMAT: EngMega-TC4b-prod-C
REVISION: B
DATE: 2023/10/23