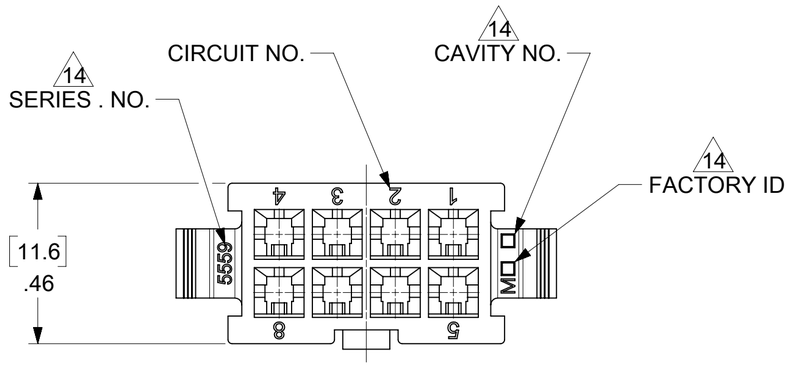
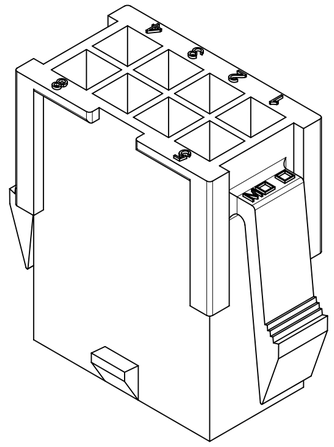
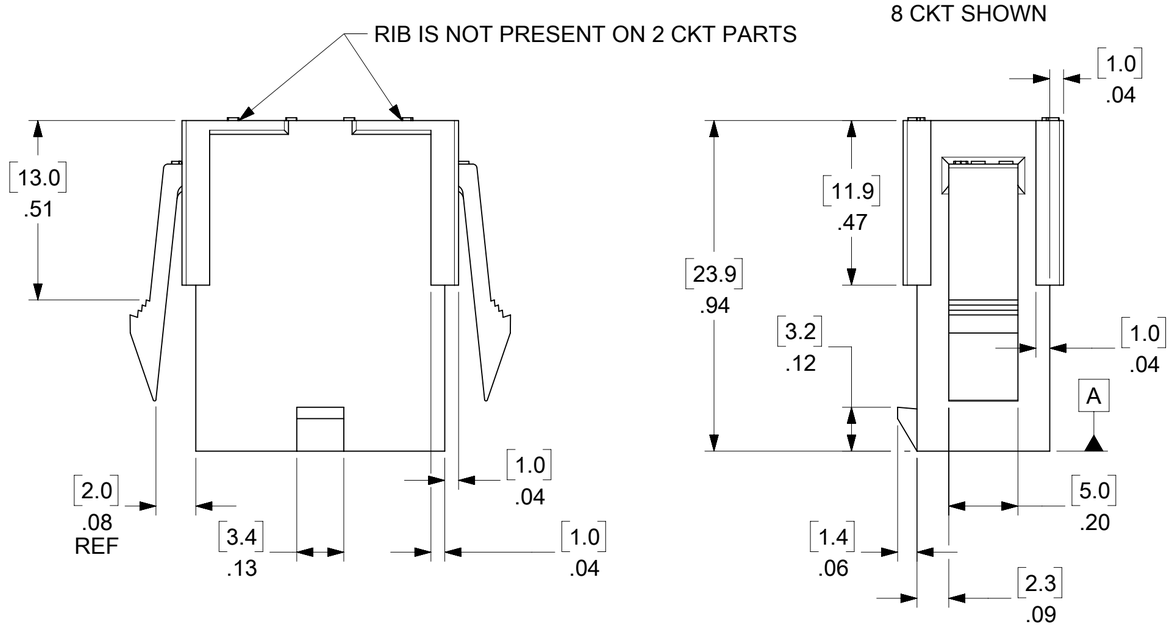
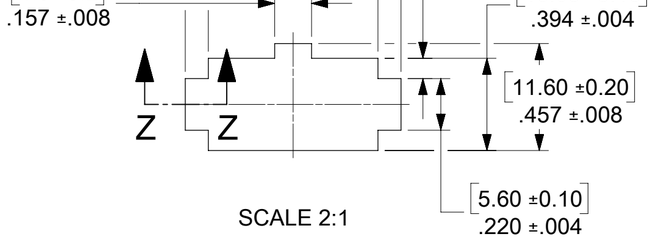




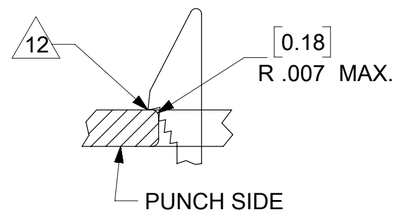
8 CKT SHOWN

NOTES:
1) MATERIAL:
"BLANK" = NYLON 6/6, 94V-2, COLOR: NATURAL.
"BL" = NYLON 6/6, 94V-2, COLOR: BLACK.
"BU" = NYLON 6/6, 94V-2, COLOR: BLUE.
"RE" = NYLON 6/6, 94V-2, COLOR: RED.
"210" = NYLON 6/6, 94V-0, COLOR: NATURAL.
"400" = NYLON 6/6, 94V-0, COLOR: BLACK.
2) FINISH: NOT APPLICABLE
3) PRODUCT SPECIFICATION: PS-5556-001
4) PACKAGING: BULK PACKED PER PK-5559-001
5) PART MATES WITH MOLEX RECEPTACLE #5557,172708-0***, 172708-1***.
6) PART TO BE USED WITH MOLEX MALE TERMINAL #5558,#46012.
7) PART IS NOT DESIGNED FOR CURRENT SHARING.
8) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.
11 ON 2 CIRCUITS PARTS THIS DIMENSION IS ALLOWABLE UP TO "D" DIMENSION.
12 PANEL HOLE TO BE PUNCHED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL.
13 TO BE MEASURED AT SURFACE [A]
14 TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

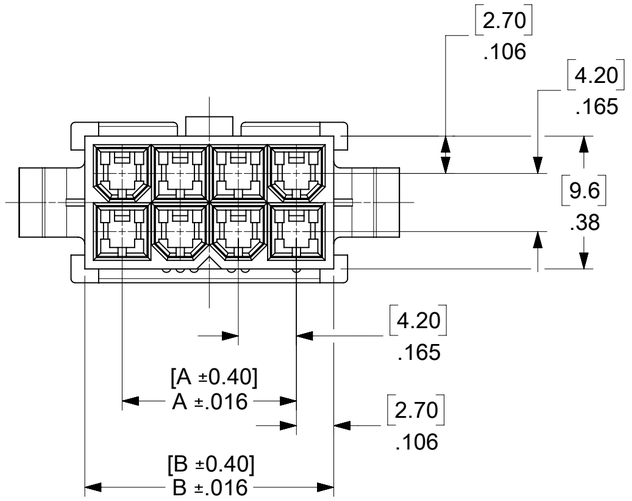




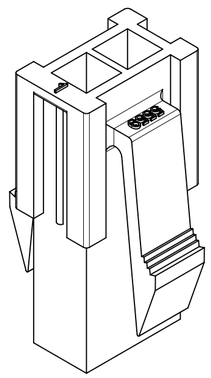
SCALE 2:1



SECTION "Z"-"Z"
NO SCALE



13



2 CKT SHOWN

12 RECOMMENDED PANEL DIMENSIONS
(THICKNESS : 0.8-2.0/.032-.079)

2.051/52.1	2.244/57.0	2.031/51.6	1.819/46.2	24
1.886/47.9	2.079/52.8	1.866/47.4	1.654/42.0	22
1.720/43.7	1.913/48.6	1.701/43.2	1.488/37.8	20
1.555/39.5	1.748/44.4	1.535/39.0	1.323/33.6	18
1.390/35.3	1.583/40.2	1.370/34.8	1.158/29.4	16
1.224/31.1	1.417/36.0	1.205/30.6	.992/25.2	14
1.055/26.8	31.8/1.252	1.039/26.4	.827/21.0	12
.890/22.6	1.087/27.6	.874/22.2	.661/16.8	10
.724/18.4	.921/23.4	.709/18.0	.496/12.6	8
.559/14.2	.756/19.2	.543/13.8	.331/8.4	6
.394/10.0	.591/15.0	.378/9.6	.165/4.2	4
.228/5.8	.425/10.8	.213/5.4	----------	2
D	C	B	A	CIRCUIT

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DIMENSION UNITS: IN/MM | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.012
2 PLACES	± 0.3	± 0.016
1 PLACE	± 0.4	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REAMSTERED WITH MODEL

EC NO: 782462
DRWN: SASWAP 2024/03/07
CHK'D: XQZHANG 2024/04/18
APPR: XQZHANG 2024/04/18

INITIAL REVISION:
DRWN: H.HIRAMOTO 1998/10/14
APPR: E.ENOMOTO 1998/10/24

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 5559

molex

MINI. FIT JR DUAL ROW
2-24CKT PLUG HOUSING WITH EARS

PRODUCT CUSTOMER DRAWING

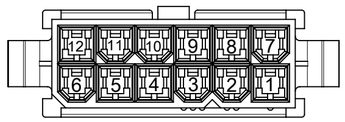
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55590020-SD	PSD	000	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

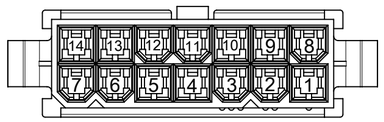
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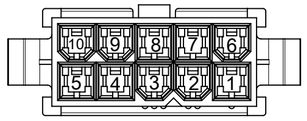
FORMAT: Eng-lega-master-Bi-prod-C
REVISION: E1
DATE: 2021/05/01



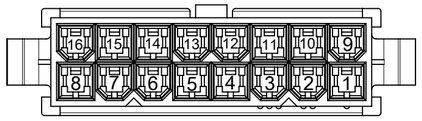
12 CKTS.



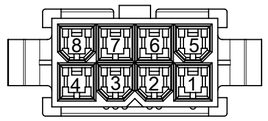
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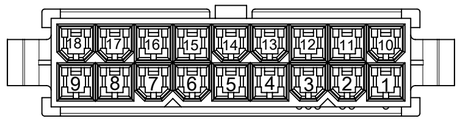
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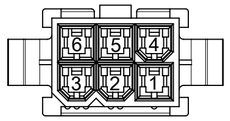
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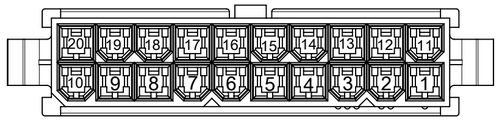
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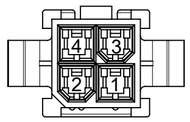
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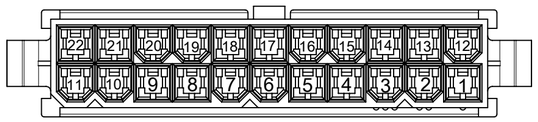
6 CKTS.



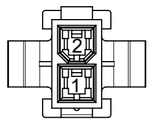
20 CKTS.



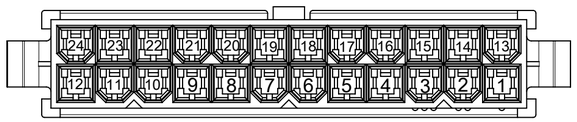
4 CKTS.



22 CKTS.



2 CKTS.



24 CKTS.

CIRCUIT SIZE LAYOUT (SCALE 2:1)

LEGEND

5559- ** P - *

- BASE NO.
- CIRCUIT SIZE (02-24)
- HOUSING TYPE: PUG WITH MOUNTING EARS
- MATERIAL OPTION: (SEE NOTE 1)

V-2 BLACK			V-0 BLACK		
46999-0157	5559-24P-BL	24	46999-0304	5559-24P-400	24
		22	46999-0303	5559-22P-400	22
39-02-8205	5559-20P-BL	20	46999-0302	5559-20P-400	20
		18	46999-0301	5559-18P-400	18
		16	46999-0300	5559-16P-400	16
		14	46999-0299	5559-14P-400	14
		12	46999-0298	5559-12P-400	12
		10	46999-0297	5559-10P-400	10
		8	46999-0296	5559-08P-400	8
39-02-8065	5559-06P-BL	6	46999-0295	5559-06P-400	6
		4	46999-0294	5559-04P-400	4
		2	46999-0293	5559-02P-400	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

V-2 BLUE			V-2 RED			V-0 NATURAL			V-2 NATURAL		
		24			24	39-01-2246	5559-24P-210	24	39-01-2241	5559-24P	24
		22			22	39-01-2226	5559-22P-210	22	39-01-2221	5559-22P	22
		20			20	39-01-2206	5559-20P-210	20	39-01-2201	5559-20P	20
		18			18	39-01-2186	5559-18P-210	18	39-01-2181	5559-18P	18
		16			16	39-01-2166	5559-16P-210	16	39-01-2161	5559-16P	16
		14			14	39-01-2146	5559-14P-210	14	39-01-2141	5559-14P	14
		12			12	39-01-2126	5559-12P-210	12	39-01-2121	5559-12P	12
		10			10	39-01-2106	5559-10P-210	10	39-01-2101	5559-10P	10
		8			8	39-01-2086	5559-08P-210	8	39-01-2081	5559-08P	8
		6			6	39-01-2066	5559-06P-210	6	39-01-2061	5559-06P	6
		4			4	39-01-2046	5559-04P-210	4	39-01-2041	5559-04P	4
		2			2	39-01-2026	5559-02P-210	2	39-01-2021	5559-02P	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

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DIMENSION UNITS	SCALE
IN/MM	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.012
2 PLACES	± 0.3	± 0.016
1 PLACE	± 0.4	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REAMSTERED WITH MODEL

EC NO: 782462
DRWN: SASWAP 2024/03/07
CHK'D: XQZHANG 2024/04/18
APPR: XQZHANG 2024/04/18

INITIAL REVISION:
DRWN: H.HIRAMOTO 1998/10/14
APPR: E.ENOMOTO 1998/10/24

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 5559

molex

MINI. FIT JR DUAL ROW
2-24CKT PLUG HOUSING WITH EARS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590020-SD	PSD	000	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/18 04:37:57

THIS DRAWING REPLACES SD-5559-NP

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01