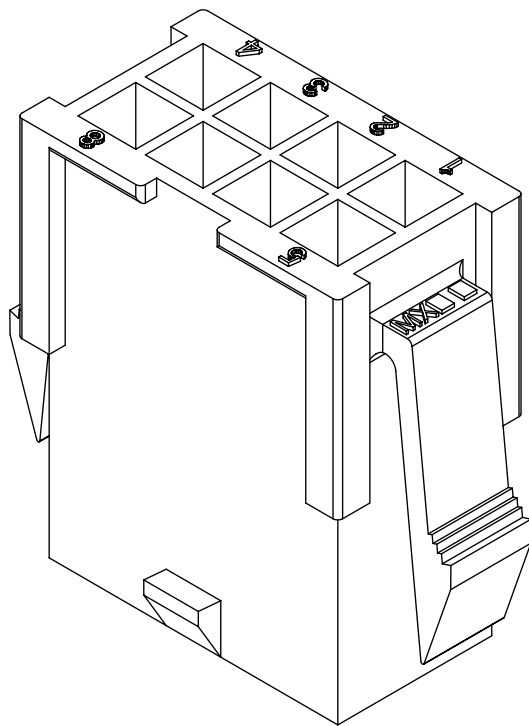
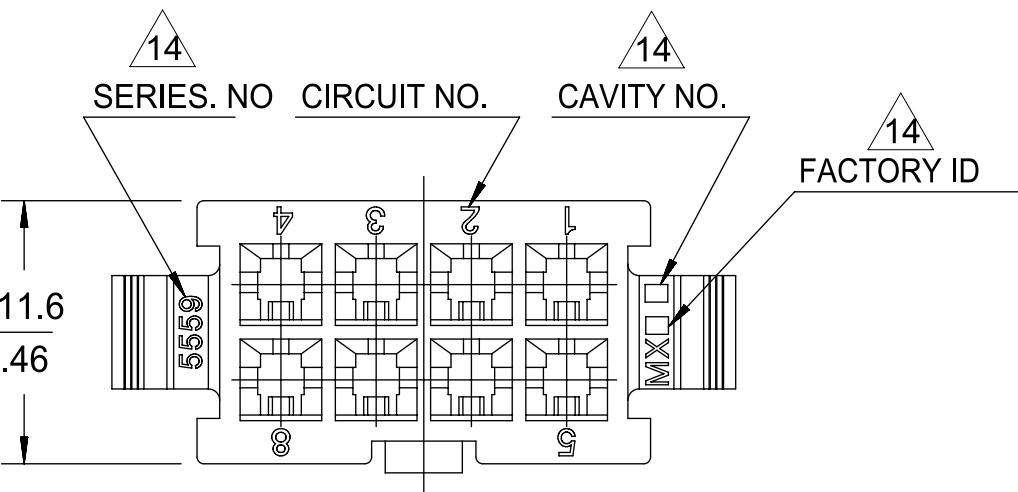
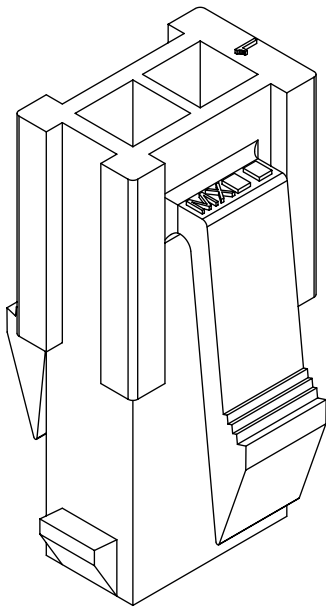


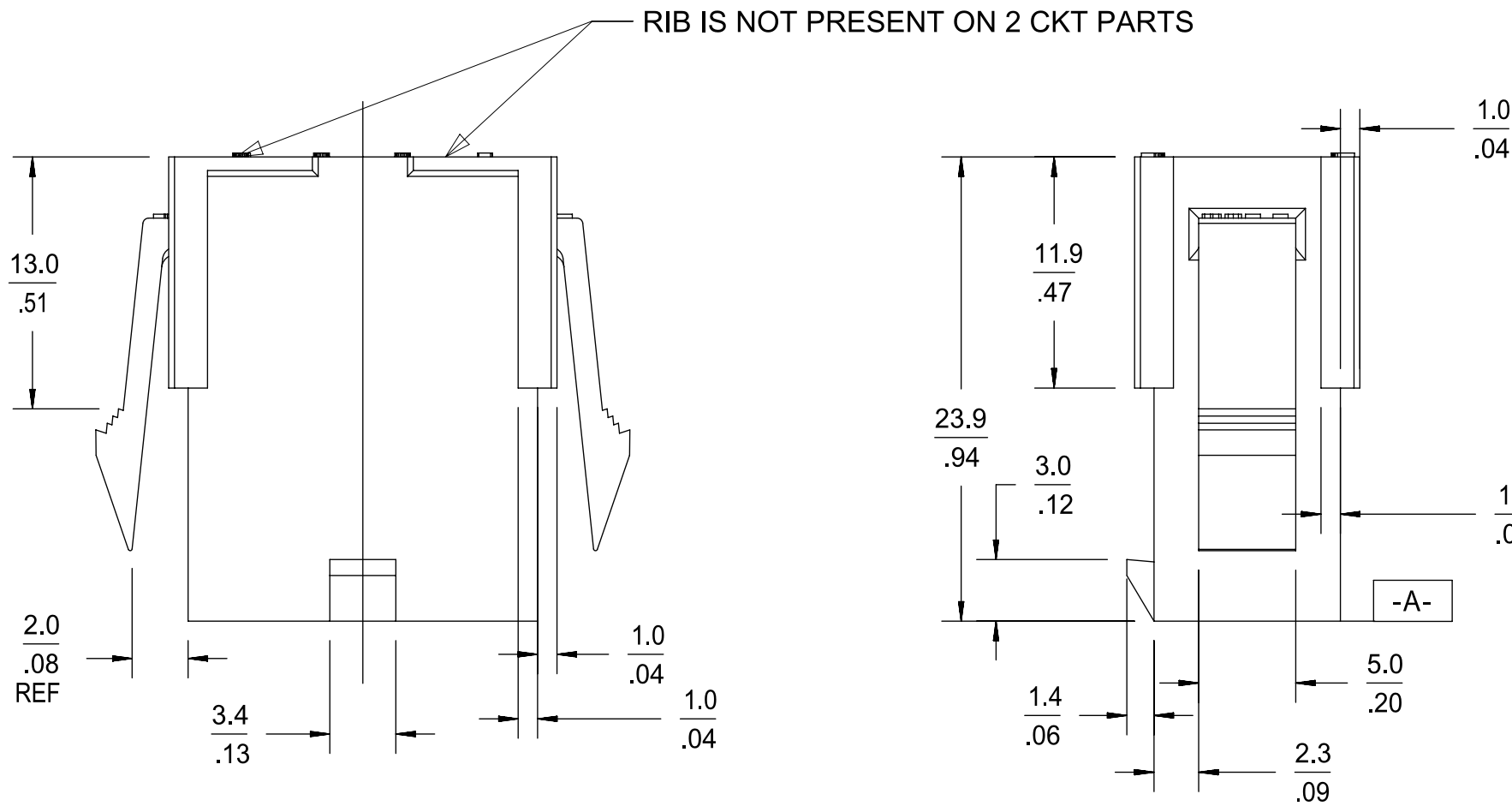


8 CKT SHOWN

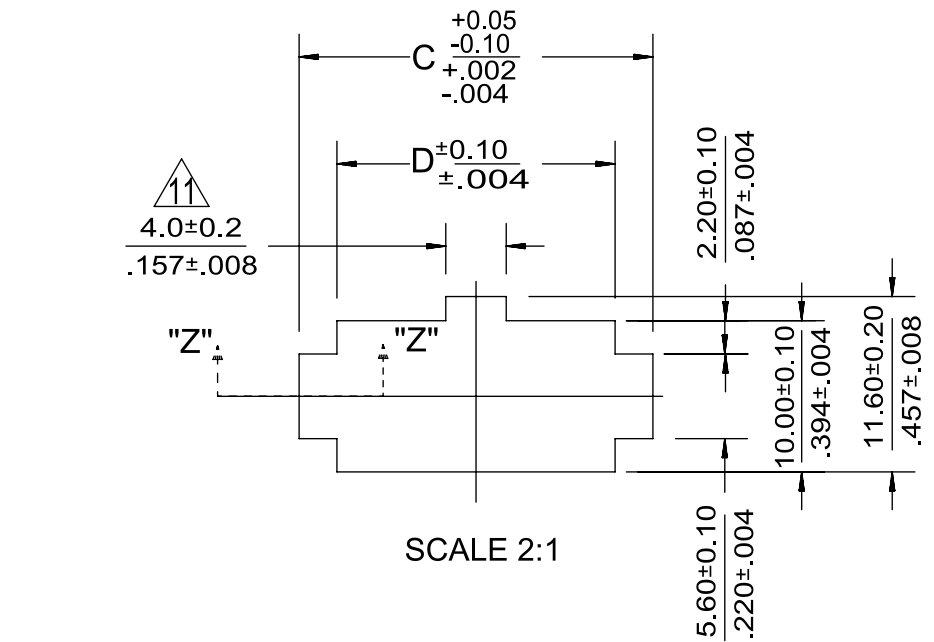
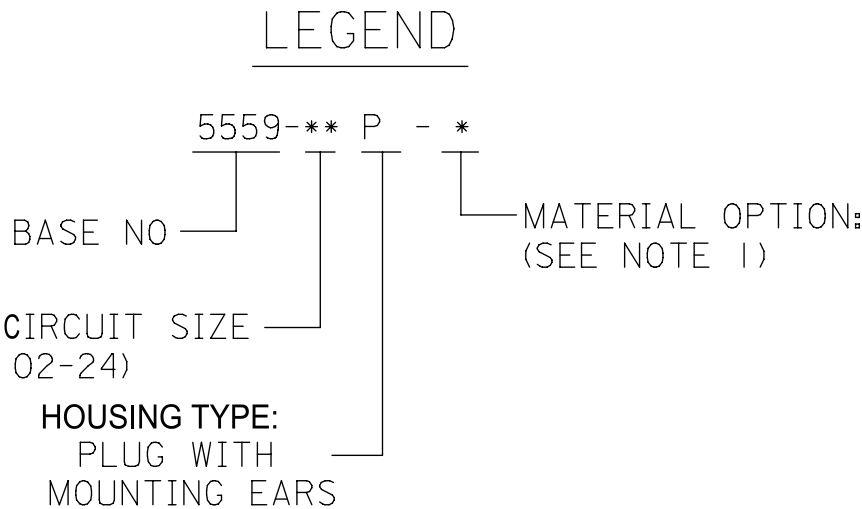


2 CKT SHOWN

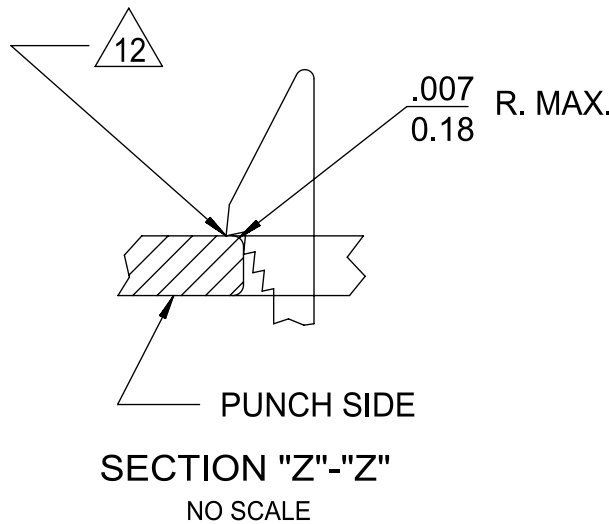
- NOTES:
- 1) MATERIAL:
"BLANK" = NYLON 6/6, 94V-2, COLOR: NATURAL.
"BL" = NYLON 6/6, 94V-2, COLOR: BLACK.
"BU" = NYLON 6/6, 94V-2, COLOR: BLUE.
"RE" = NYLON 6/6, 94V-2, COLOR: RED.
"210" = NYLON 6/6, 94V-0, COLOR: NATURAL.
"400" = NYLON 6/6, 94V-0, COLOR: BLACK.
 - 2) FINISH: NOT APPLICABLE
 - 3) PRODUCT SPECIFICATION: PS-5556-001
 - 4) PACKAGING: BULK PACKED PER PK-5559-001
 - 5) PART MATES WITH MOLEX RECEPTACLE #5557.
 - 6) PART TO BE USED WITH MOLEX MALE TERMINAL #5558.
 - 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.



RIB IS NOT PRESENT ON 2 CKT PARTS



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



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

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: OBSOLETE PART NUMBERS			molex			
IN/MM		3:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				MINI. FIT JR DUAL ROW 2-24CKT PLUG HOUSING WITH EARS						
		MM	INCH							
4 PLACES	±		±	EC NO: 650267			PRODUCT CUSTOMER DRAWING			
3 PLACES	±		± 0.012	DRWN: SKANDB 2020/10/28						
2 PLACES	±	0.3	± 0.016	CHK'D: GGA 2020/12/10						
1 PLACE	±	0.4	±	APPR: GGA 2020/12/10			DOCUMENT NUMBER 55590020-SD			
0 PLACES	±		±	INITIAL REVISION:						DOC TYPE DOC PART REVISION
ANGULAR TOL ± 3.0 °				DRWN: H.HIRAMOTO 1998/10/14			PSD 000 A1			
APPR: E.ENOMOTO 1988/10/24				DOCUMENT NUMBER			DOC TYPE DOC PART REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				C-SIZE	5559	SEE TABLE	GENERAL MARKET	1 OF 2		

molex

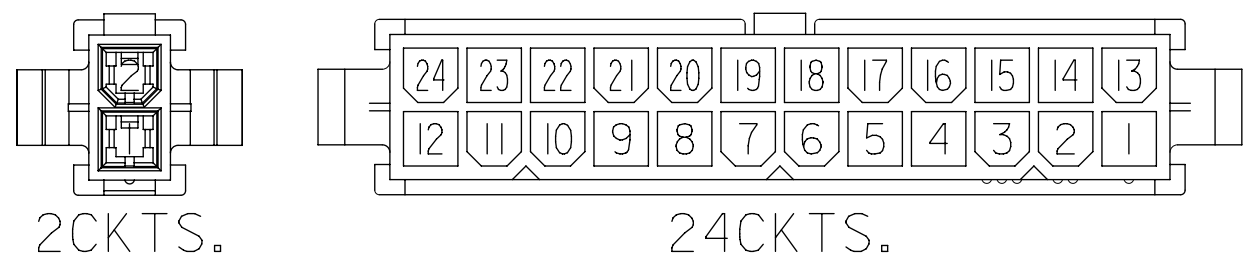
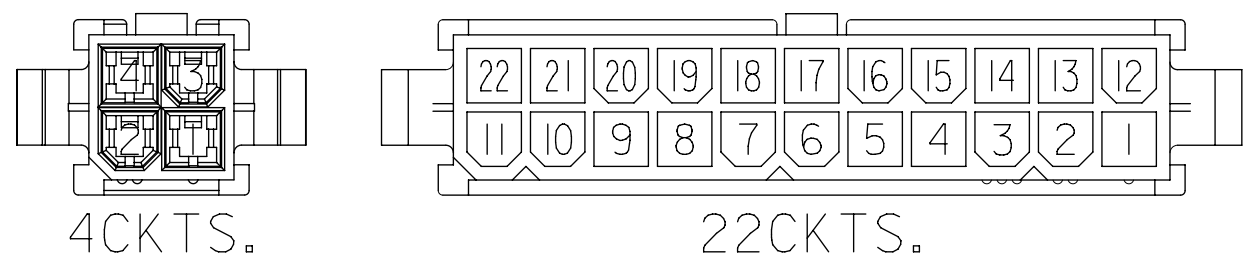
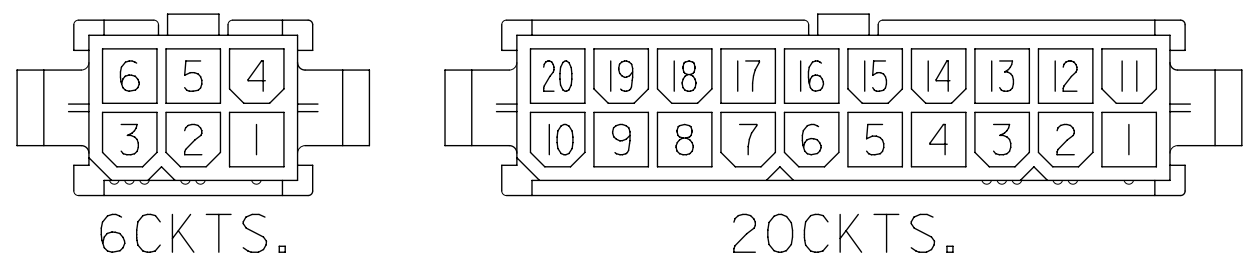
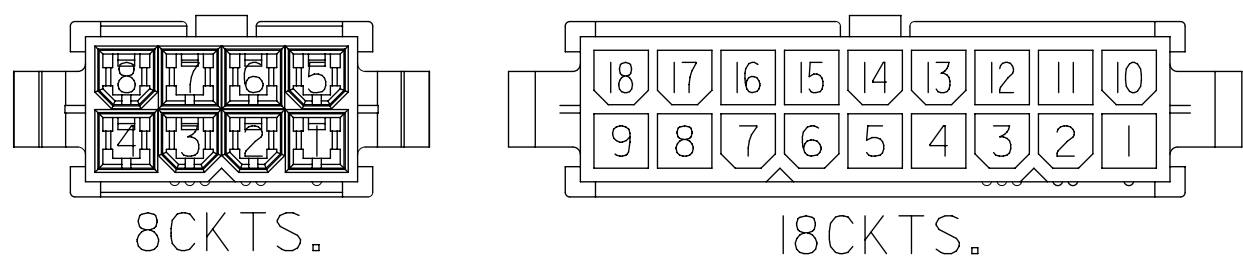
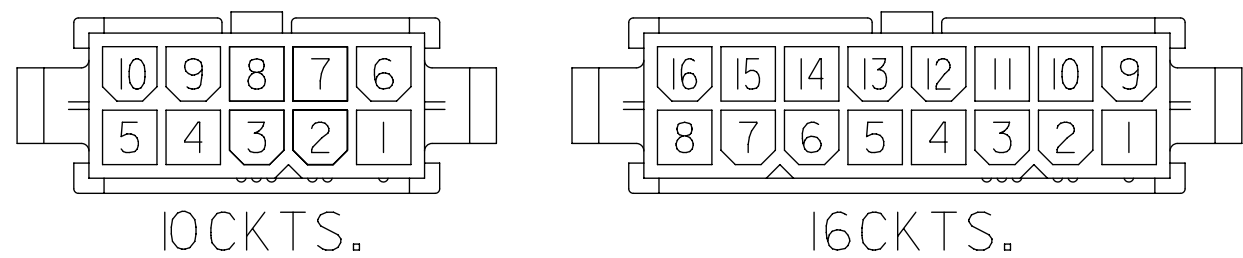
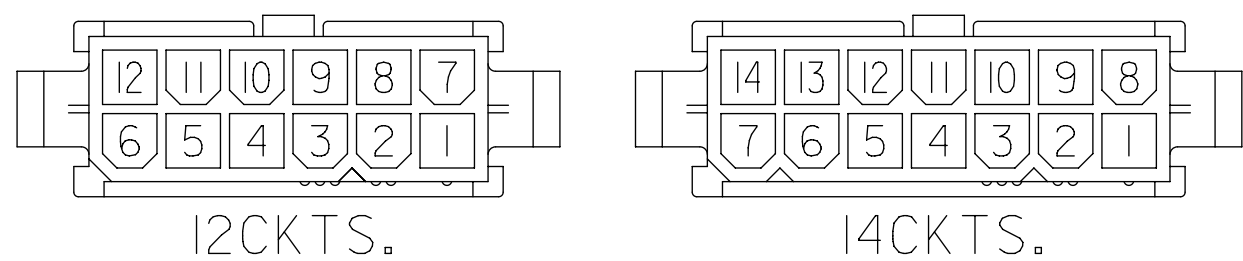
MINI. FIT JR DUAL ROW
2-24CKT PLUG HOUSING WITH EARS

PRODUCT CUSTOMER DRAWING

55590020-SD PSD 000 A1

THIS DRAWING REPLACES SD-5559-NP

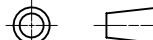
DOCUMENT STATUS	P1	RELEASE DATE	2020/12/10	08:27:42
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CIRCUIT SIZE LAYOUT (SCALE : 2-1)

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
		2	46999-0298	5559-12P-400	2
		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	▲ -2226	▲ -22P-210	22	▲ -2221	▲ -22P	22
		20			20	-2206	-20P-210	20	-2201	-20P	20
		18			18	-2186	-18P-210	18	-2181	-18P	18
		16			16	-2166	-16P-210	16	-2161	-16P	16
		14			14	-2146	-14P-210	14	-2141	-14P	14
		2			12	-2126	-12P-210	2	-2121	-12P	12
		10			10	-2106	-10P-210	10	-2101	-10P	10
		8			8	-2086	-08P-210	8	-2081	-08P	8
		6			6	-2066	-06P-210	6	-2061	-06P	6
		4			4	▼ -2046	▼ -04P-210	4	▼ -2041	▼ -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		CURRENT REV DESC: OBSOLETE PART NUMBERS				molex								
IN/MM		3:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI. FIT JR DUAL ROW 2-24CKT PLUG HOUSING WITH EARS								
	MM	INCH	EC NO: 650267				PRODUCT CUSTOMER DRAWING									
4 PLACES	±	±	DRWN: SKANDB2020/10/28													
3 PLACES	±	± 0.012	CHK'D: GGA2020/12/10													
2 PLACES	± 0.3	± 0.016	APPR: GGA2020/12/10				DOCUMENT NUMBER 55590020-SD									
1 PLACE	± 0.4	±	INITIAL REVISION:								DOC TYPE		DOC PART		REVISION	
0 PLACES	±	±	DRWN: H.HIRAMOTO1998/10/14								PSD		000		A1	
ANGULAR TOL			± 3.0 °	APPR: E.ENOMOTO1988/10/24												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 5559		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2		