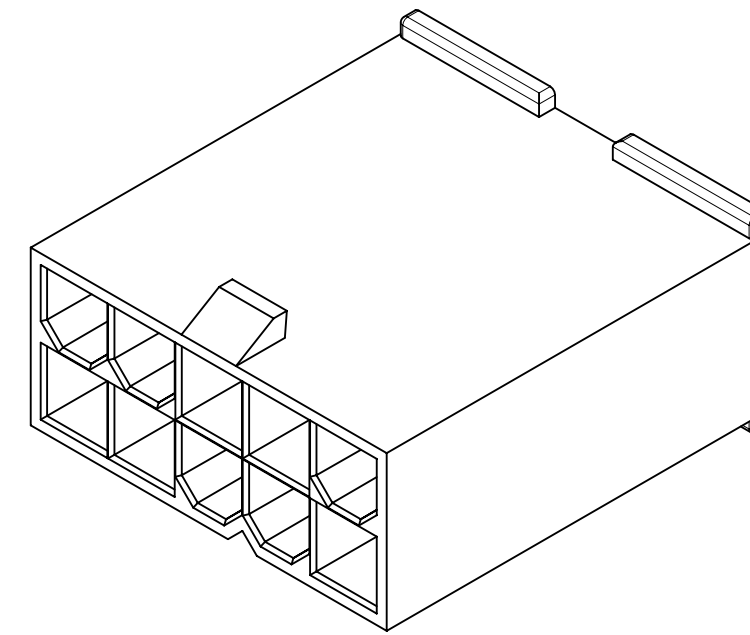
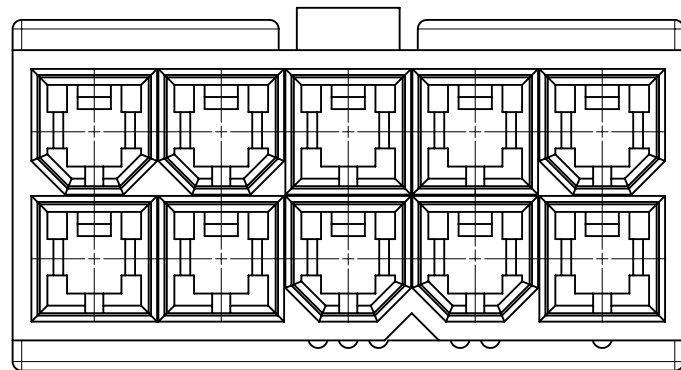
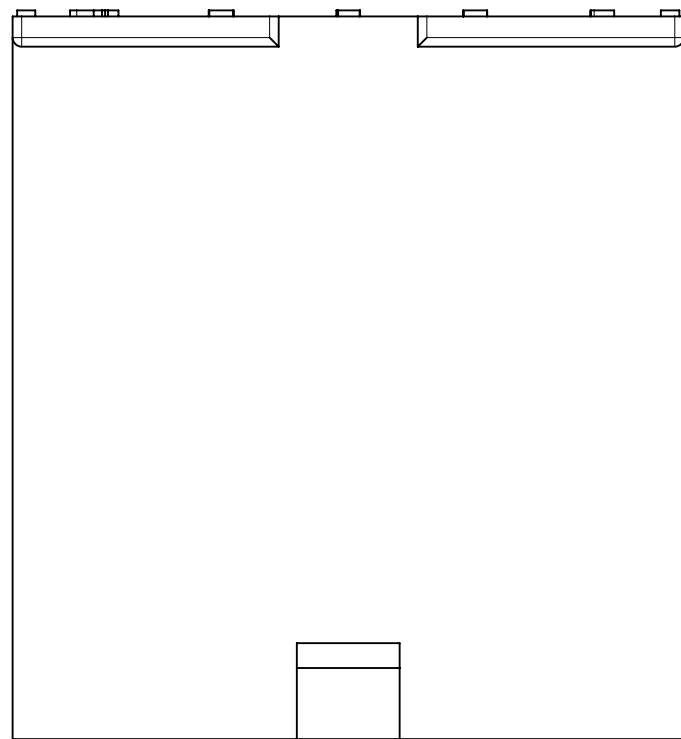
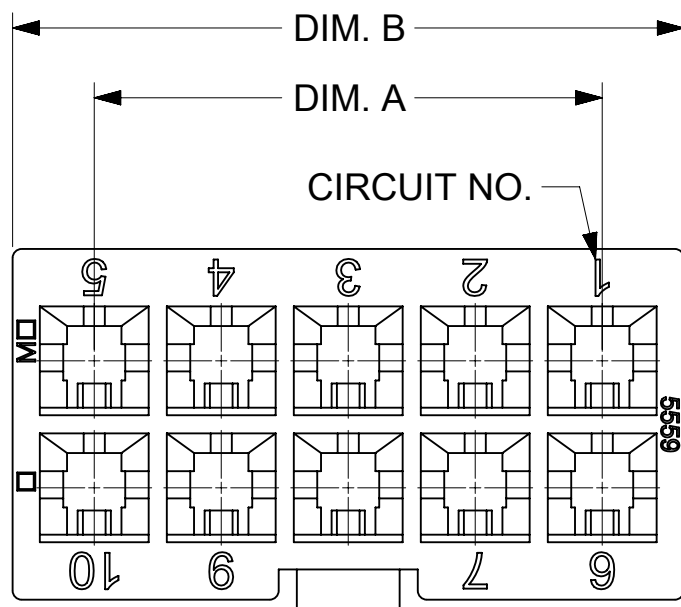
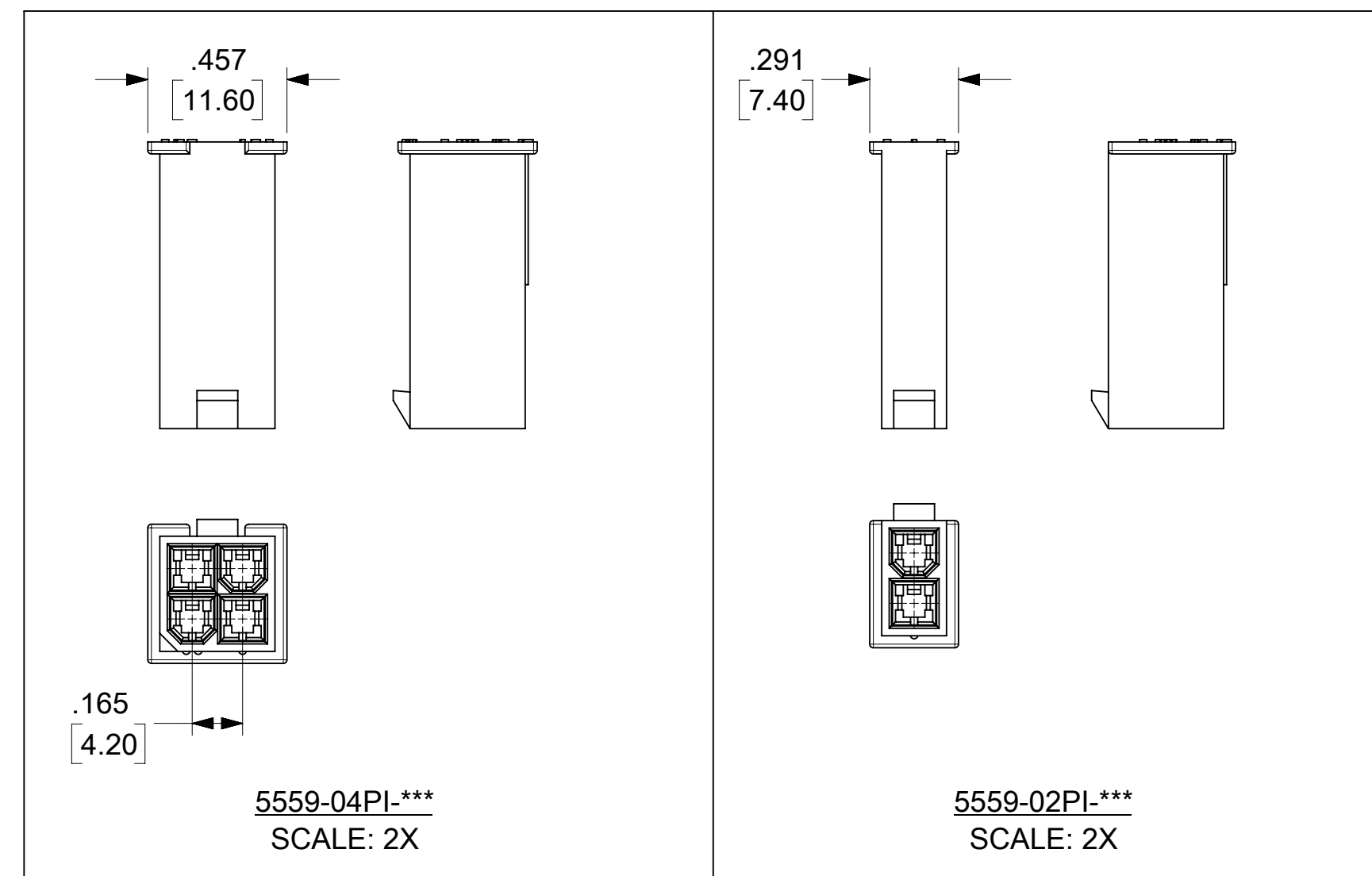
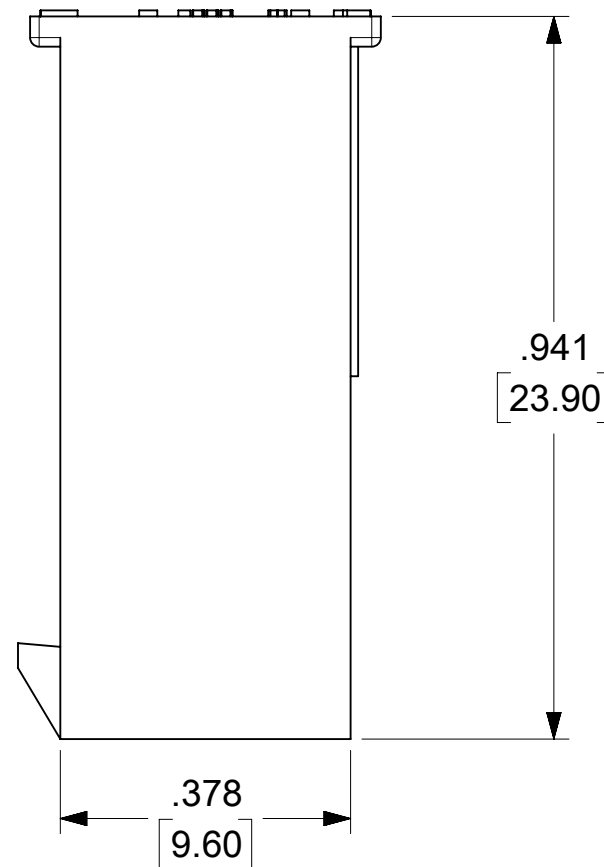


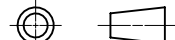


CKT. SIZE	DIM. A	DIM. B
6	.331	.543
	[8.40]	[13.80]
8	.496	.709
	[12.60]	[18.00]
10	.661	.874
	[16.80]	[22.20]
12	.827	1.039
	[21.00]	[26.40]
14	.992	1.205
	[25.20]	[30.60]
16	1.157	1.370
	[29.40]	[34.80]
18	1.323	1.535
	[33.60]	[39.00]
20	1.488	1.701
	[37.80]	[43.20]
22	1.654	1.866
	[42.00]	[47.40]
24	1.819	2.031
	[46.20]	[51.60]



NOTES:

1. MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL
BL=NYLON 6/6, UL 94V-2, COLOR: BLACK
210=NYLON 6/6, UL 94V-0, COLOR: NATURAL
400=NYLON 6/6, UL 94V-0, COLOR: BLACK
225=NYLON (PA6), UL94V-0,COLOR: BLACK
2. FINISH: N/A.
3. PRODUCT SPECIFICATION: PS-5556-001.
4. PACKAGING SPECIFICATION: PK-5559-002.
5. THIS PART MATES WITH RECEPTACLE #5557, 172708-0***, 172708-1***.
6. THIS PART IS FOR USE WITH MOLEX MALE TERMINAL #5558, #46012.
7. PART IS NOT DESIGNED FOR CURRENT SHARINGN.
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" RQUIREMENTS.

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: A NEW PART NUMBER HAS BEEN ADDED. WHICH WAS PREVIOUSLY RESTRICTED AND IS NOW AVAILABLE FOR GENERAL MARKET				molex							
IN/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
	MM		INCH												
4 PLACES		±	±					EC NO: 833966 DRWN: KIRANK202025/08/13 CHK'D: MADHUP22025/09/01 APPR: XQZHANG2025/09/15							
3 PLACES		±	± 0.015												
2 PLACES		± 0.38	±												
1 PLACE		±	±		INITIAL REVISION:				DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
0 PLACES		±	±						55590001-SD			PSD	000	A4	
ANGULAR TOL ± 0.5 °				DRWN: RJF1989/09/22 APPR: ROS1989/09/22				55590001-SD			PSD	000	A4		
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	

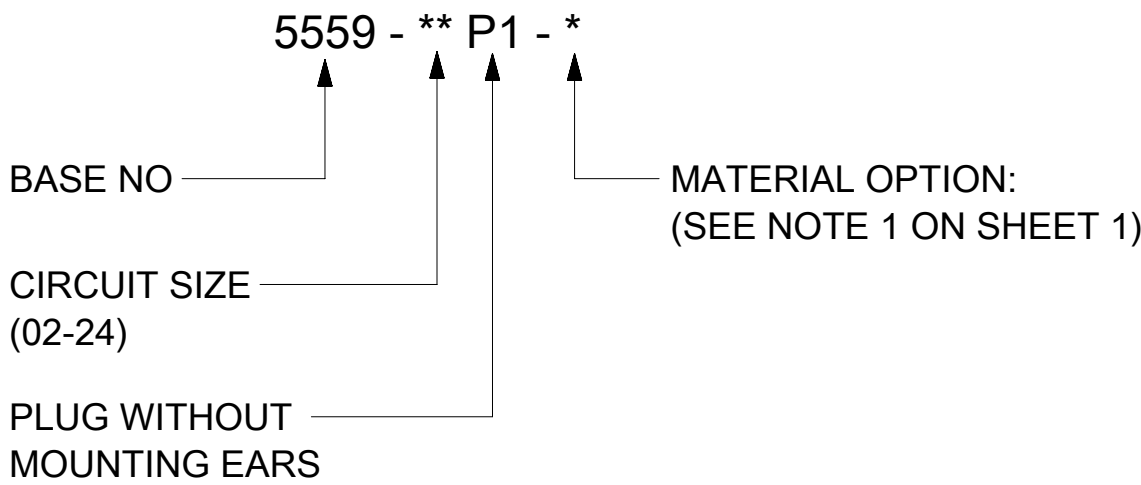
PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3023	5559-02P1	2	94V-2
39-01-3043	5559-04P1	4	94V-2
39-01-3063	5559-06P1	6	94V-2
39-01-3083	5559-08P1	8	94V-2
39-01-3103	5559-10P1	10	94V-2
39-01-3123	5559-12P1	12	94V-2
39-01-3143	5559-14P1	14	94V-2
39-01-3203	5559-20P1	20	94V-2
39-01-3223	5559-22P1	22	94V-2

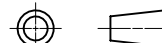
PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3029	5559-02P 1-210	2	94V-0
39-01-3049	5559-04P 1-210	4	94V-0
39-01-3069	5559-06P 1-210	6	94V-0
39-01-3089	5559-08P 1-210	8	94V-0
39-01-3109	5559-10P 1-210	10	94V-0
39-01-3129	5559-12P 1-210	12	94V-0
39-01-3149	5559-14P 1-210	14	94V-0
39-01-3169	5559-16P 1-210	16	94V-0
39-01-3209	5559-20P 1-210	20	94V-0
39-01-3229	5559-22P 1-210	22	94V-0
39-01-3249	5559-24P 1-210	24	94V-0

PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
46999-0275	5559-02P 1-400	2	94V-0/BLACK
46999-0276	5559-04P 1-400	4	94V-0/BLACK
46999-0277	5559-06P 1-400	6	94V-0/BLACK
46999-0278	5559-08P 1-400	8	94V-0/BLACK
46999-0279	5559-10P 1-400	10	94V-0/BLACK
46999-0280	5559-12P 1-400	12	94V-0/BLACK
46999-0281	5559-14P 1-400	14	94V-0/BLACK
46999-0282	5559-16P 1-400	16	94V-0/BLACK
46999-0284	5559-20P 1-400	20	94V-0/BLACK
46999-0285	5559-22P 1-400	22	94V-0/BLACK
46999-0286	5559-24P 1-400	24	94V-0/BLACK
50-36-1678	5559-02P1-225	02	94V-0/BLACK

PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3026	5559-02P1-BL	2	94V-2 / BLACK
39-01-3046	5559-04P1-BL	4	94V-2 / BLACK
39-01-3066	5559-06P1-BL	6	94V-2 / BLACK
39-01-3086	5559-08P1-BL	8	94V-2 / BLACK
39-01-3106	5559-10P1-BL	10	94V-2 / BLACK
39-01-3126	5559-12P1-BL	12	94V-2 / BLACK
39-01-3146	5559-14P1-BL	14	94V-2 / BLACK
39-01-3166	5559-16P1-BL	16	94V-2 / BLACK

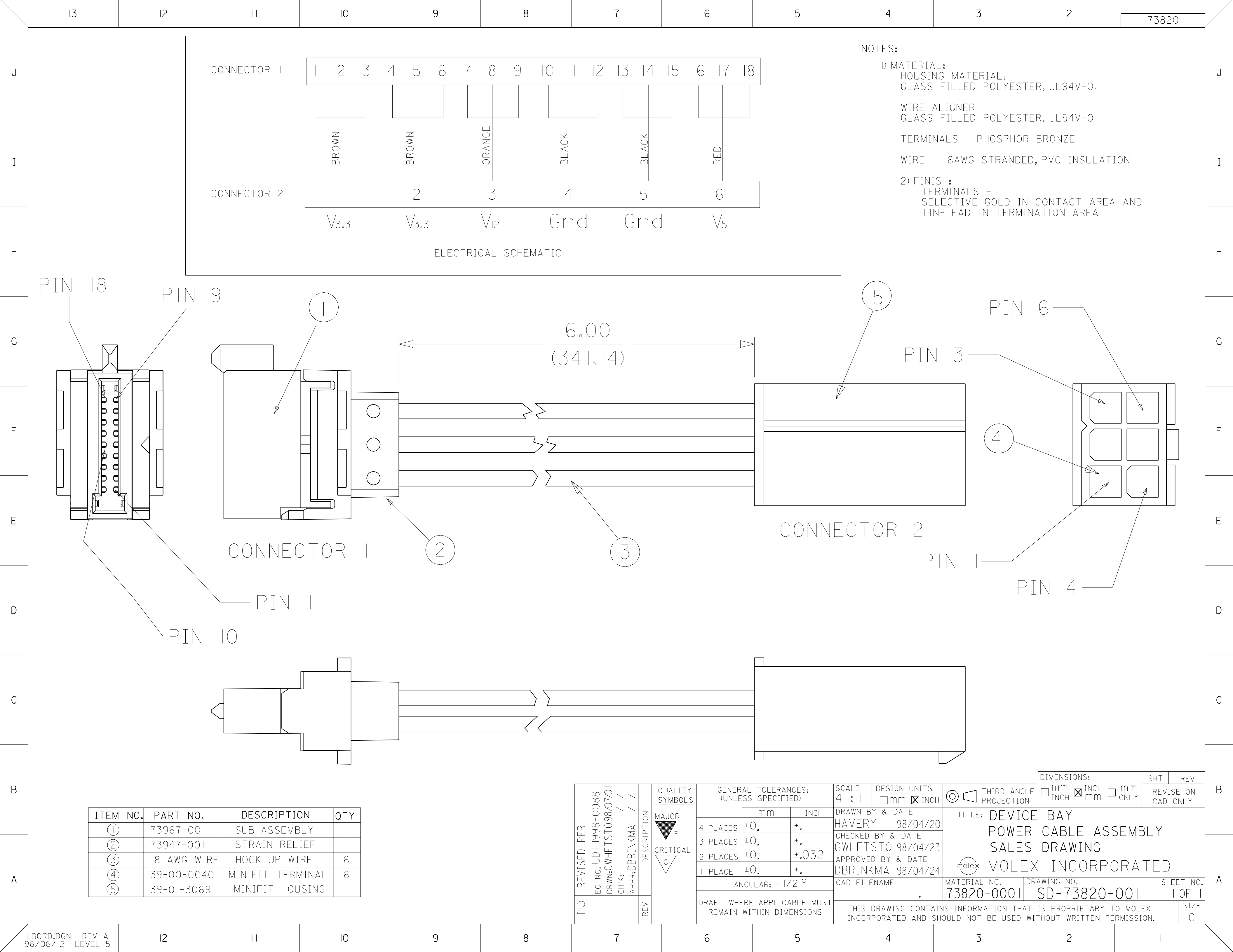
LEGEND



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: A NEW PART NUMBER HAS BEEN ADDED, WHICH WAS PREVIOUSLY RESTRICTED AND IS NOW AVAILABLE FOR GENERAL MARKET			molex						
IN/MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI FIT JR SERIES PLUG W/O MTG. EARS						
	MM	INCH											
4 PLACES	±		±	EC NO: 833966			PRODUCT CUSTOMER DRAWING						
3 PLACES	±		± 0.015	DRWN: KIRANK2025/08/13									
2 PLACES	±	0.38	±	CHK'D: MADHUP225/09/01									
1 PLACE	±		±	APPR: XQZHANG25/09/15			DOCUMENT NUMBER 55590001-SD						
0 PLACES	±		±	INITIAL REVISION:							DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °				DRWN: RJF1989/09/22							PSD	000	A4
APPR: ROS1989/09/22													
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		

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

FORMAT: Eng-lega-master-ib-prod-C REVISION: E1 DATE: 2021/05/01	12	11	10	
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73820

NOTES:

- 1) MATERIAL:
HOUSING MATERIAL:
GLASS FILLED POLYESTER, UL94V-0.

WIRE ALIGNER
GLASS FILLED POLYESTER, UL94V-0

TERMINALS - PHOSPHOR BRONZE

WIRE - 18AWG STRANDED, PVC INSULATION

2) FINISH:
TERMINALS -
SELECTIVE GOLD IN CONTACT AREA AND
TIN-LEAD IN TERMINATION AREA

ELECTRICAL SCHEMATIC

CONNECTOR 2

CONNECTOR 1

ITEM NO.	PART NO.	DESCRIPTION	QTY
①	73967-001	SUB-ASSEMBLY	1
②	73947-001	STRAIN RELIEF	1
③	18 AWG WIRE	HOOK UP WIRE	6
④	39-00-0040	MINIFIT TERMINAL	6
⑤	39-01-3069	MINIFIT HOUSING	1

REV	DESCRIPTION	QUALITY SYMBOLS	
		MAJOR	CRITICAL
2	REVISED PER EC NO. UDT1998-0088 DRWN:GWHETST098/07/01 CHK: APPR:DBRINKMA		

GENERAL TOLERANCES: (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ±0.	±.
3 PLACES ±0.	±.
2 PLACES ±0.	±.032
1 PLACE ±0.	±.
ANGULAR: ± 1/2 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

SCALE	DESIGN UNITS
4 : 1	mm INCH
DRAWN BY & DATE HAVERY 98/04/20	
CHECKED BY & DATE CWHETSTO 98/04/23	
APPROVED BY & DATE DBRINKMA 98/04/24	
CAD FILENAME	

		THIRD ANGLE PROJECTION		☐ mm INCH	☒ INCH mm	☐ mm ONLY	REVISE ON CAD ONLY
TITLE: DEVICE BAY POWER CABLE ASSEMBLY SALES DRAWING							
 MOLEX INCORPORATED							
MATERIAL NO. 73820-0001		DRAWING NO. SD-73820-001				SHEET NO. 1 OF 1	
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX COULD NOT BE USED WITHOUT WRITTEN PERMISSION.							SIZE C