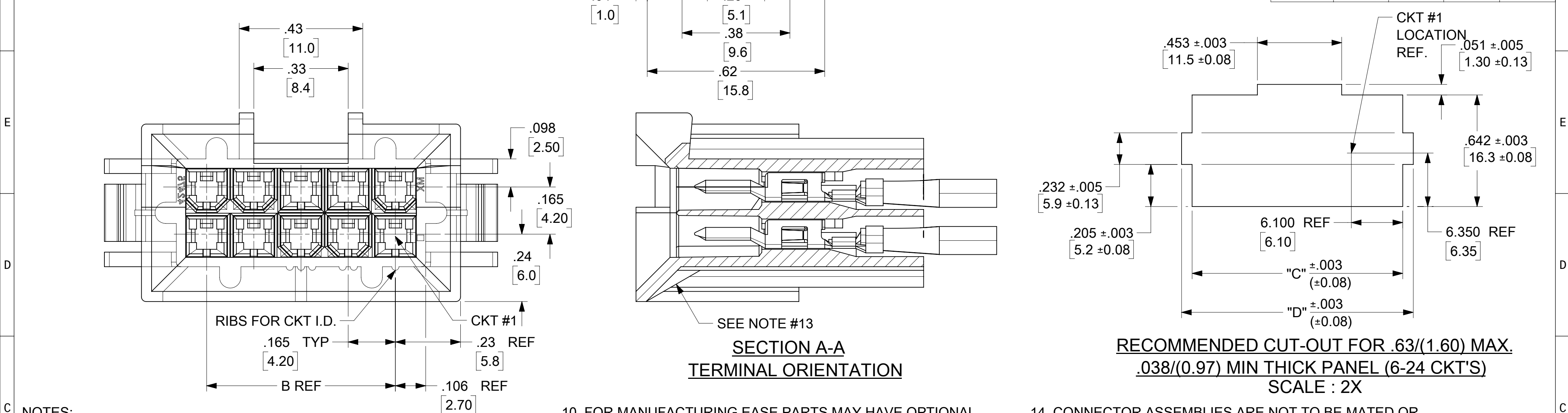
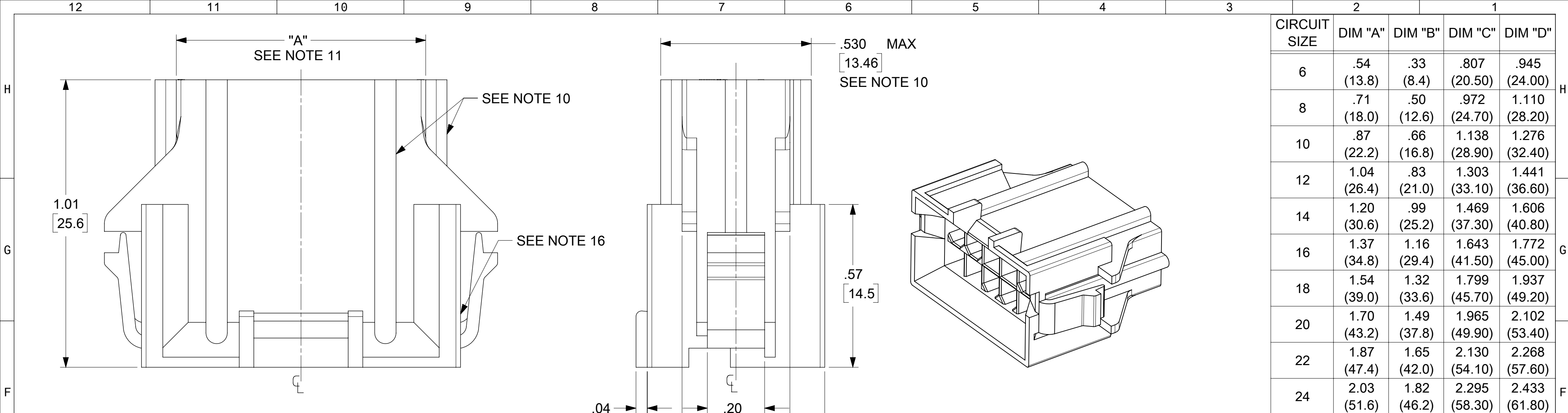




NOTES:

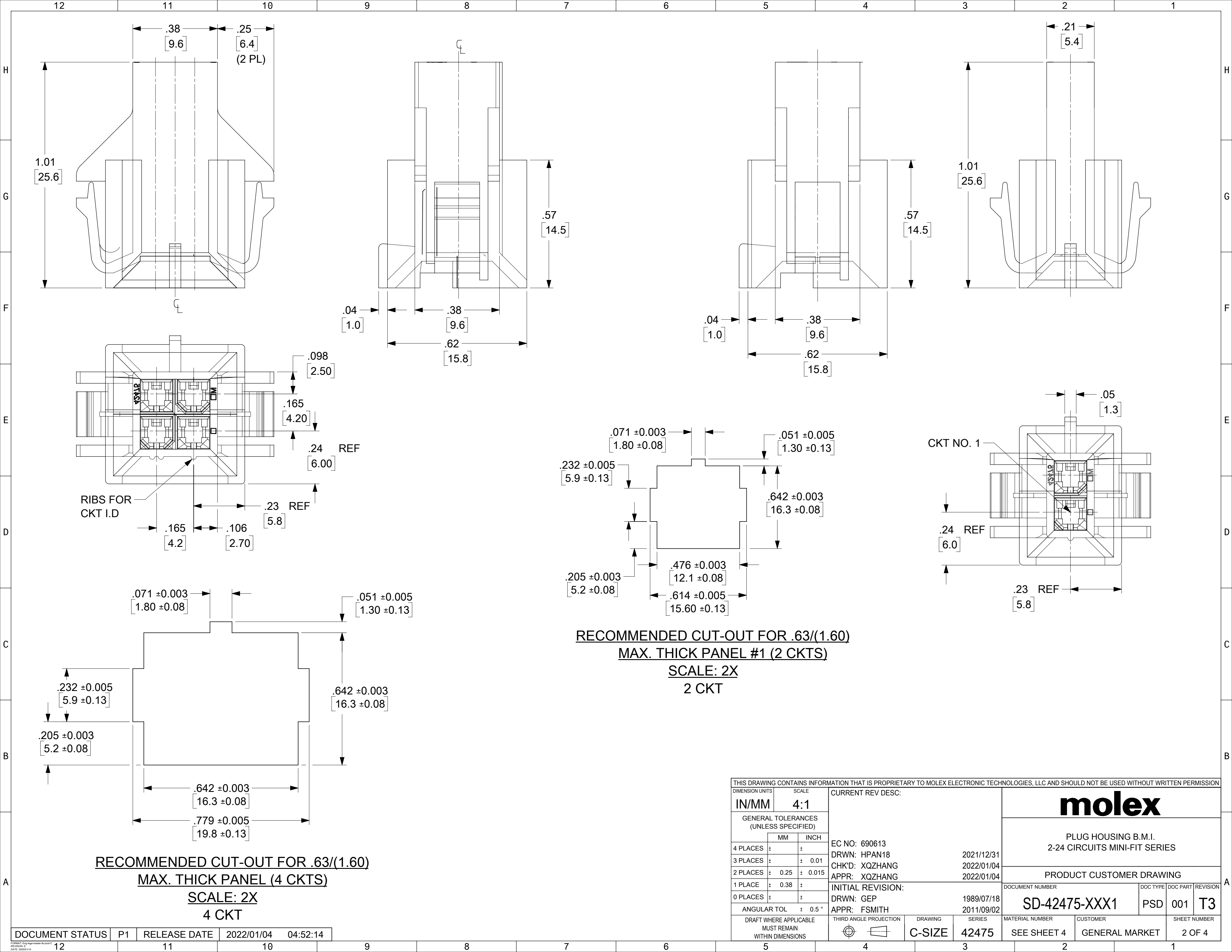
1. MATERIAL:
 - "1" = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: NATURAL
 - "2" = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: NATURAL
 - "3" = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
 - "4" = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: BLACK
 - "7" = NYLON (PA6/6), UNFILLED, UL94 V-0, GLOW WIRE,COLOR: BLACK
2. FINISH: NOT APPLICABLE
3. PRODUCT SPECIFICATIONS: PS-5556-002
4. PACKAGING: PK-42474-001.
5. 6-24 CKT. PARTS MATE WITH MOLEX RECEPTACLES 5557, 42385 AND 42474. 2 AND 4 CKT. PARTS MATE WITH 42385 AND 42474 ONLY.
6. PART IS FOR USE WITH MALE TERMINAL #5558.
- 7.PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
8. PANEL CUT-OUT TO BE PUNCHED IN THE SAME DIRECTION AS CONNECTOR INSERTION.
9. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATIONS PS-45499-022.

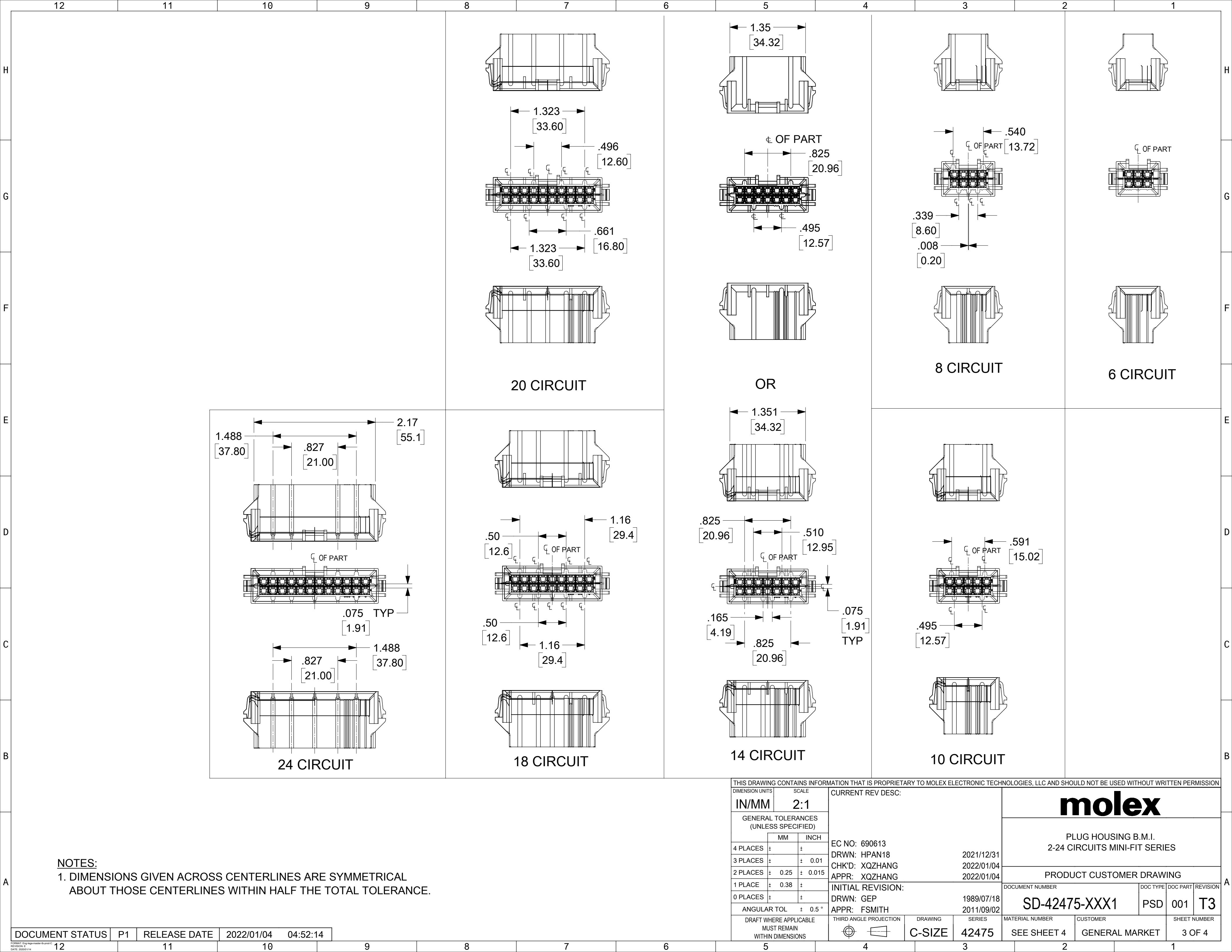
10. FOR MANUFACTURING EASE PARTS MAY HAVE OPTIONAL EJECTOR RIBS. SEE SHT.3 FOR LOCATION.
11. DIMENSION DOES NOT INCLUDE EJECTOR RIBS (SEE PAGE #3 FOR PARTS WITH PARTS, RIB DIMENSION AND LOCATION)
12. IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE BE ADDED. REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
13. INTERIOR RIB LOCATION MAY VARY.

14. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
15. WIRES ARE TO DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
16. PARTS MAY HAVE OPTIONAL GUSSET.

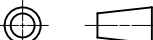
CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "C"	DIM "D"
6	.54 (13.8)	.33 (8.4)	.807 (20.50)	.945 (24.00)
8	.71 (18.0)	.50 (12.6)	.972 (24.70)	1.110 (28.20)
10	.87 (22.2)	.66 (16.8)	1.138 (28.90)	1.276 (32.40)
12	1.04 (26.4)	.83 (21.0)	1.303 (33.10)	1.441 (36.60)
14	1.20 (30.6)	.99 (25.2)	1.469 (37.30)	1.606 (40.80)
16	1.37 (34.8)	1.16 (29.4)	1.643 (41.50)	1.772 (45.00)
18	1.54 (39.0)	1.32 (33.6)	1.799 (45.70)	1.937 (49.20)
20	1.70 (43.2)	1.49 (37.8)	1.965 (49.90)	2.102 (53.40)
22	1.87 (47.4)	1.65 (42.0)	2.130 (54.10)	2.268 (57.60)
24	2.03 (51.6)	1.82 (46.2)	2.295 (58.30)	2.433 (61.80)

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:				molex							
IN/MM		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES											
MM		INCH		EC NO: 690613 DRWN: HPAN18 2021/12/31 CHK'D: XQZHANG 2022/01/04 APPR: XQZHANG 2022/01/04				PRODUCT CUSTOMER DRAWING							
4 PLACES	±		±												
3 PLACES	±		± 0.01												
2 PLACES	±	0.25	± 0.015												
1 PLACE	±	0.38	±												
0 PLACES		±		INITIAL REVISION: DRWN: GEP 1989/07/18 APPR: FSMITH 2011/09/02				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
ANGULAR TOL		± 0.5 °						SD-42475-XXX1		PSD		001		T3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		42475		SEE SHEET 4		GENERAL MARKET		1 OF 4	





NOTES:
1. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.

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:					molex				
IN/MM		2:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 690613 DRWN: HPAN18 CHK'D: XQZHANG APPR: XQZHANG					PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES				
		MM	INCH										
4 PLACES	±			2021/12/31 2022/01/04 2022/01/04					PRODUCT CUSTOMER DRAWING				
3 PLACES	±		± 0.01										
2 PLACES	±	0.25	± 0.015	INITIAL REVISION: DRWN: GEP APPR: FSMITH					DOCUMENT NUMBER SD-42475-XXX1		DOC TYPE PSD	DOC PART 001	REVISION T3
1 PLACE	±	0.38	±										
0 PLACES	±			1989/07/18 2011/09/02					SHEET NUMBER 3 OF 4				
ANGULAR TOL ± 0.5 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 42475		MATERIAL NUMBER SEE SHEET 4		CUSTOMER GENERAL MARKET	
													

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04	04:52:14
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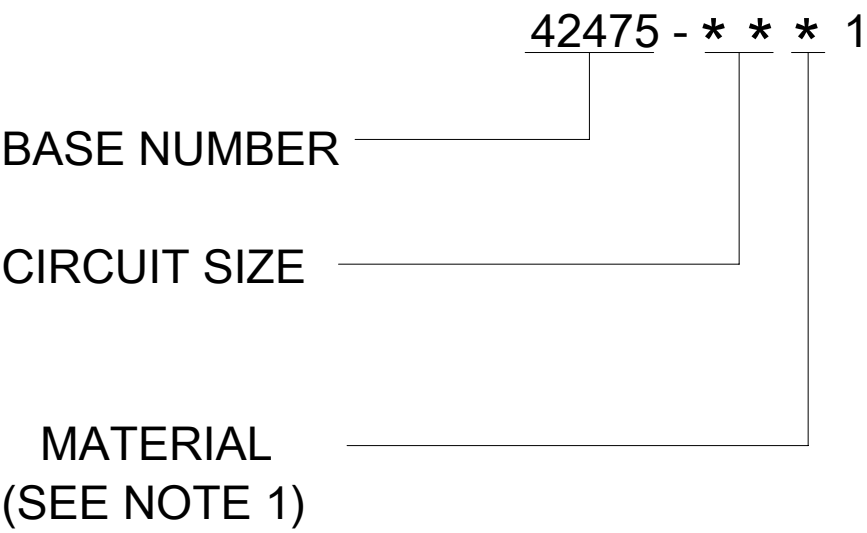
PART NUMBER		ENG. NUMBER	CKT SIZE	MATERIAL (SEE NOTE 1)
	NOT TOOLED	42475-0211	2	1
	15-06-0045	42475-0411	4	▲
	15-06-0065	42475-0611	6	
	15-06-0085	42475-0811	8	
	15-06-0105	42475-1011	10	
	NOT TOOLED	42475-1211	12	
	15-06-0145	42475-1411	14	
	NOT TOOLED	42475-1611	16	
	15-06-0185	42475-1811	18	
O	15-06-0205	42475-2011	20	
	NOT TOOLED	42475-2211	22	▼
	15-06-0245	42475-2411	24	1
	NOT TOOLED	42475-0221	2	2
	15-06-0046	42475-0421	4	▲
	15-06-0066	42475-0621	6	
	50-36-2323	42475-0821	8	
	15-06-0106	42475-1021	10	
	NOT TOOLED	42475-1221	12	
	15-06-0146	42475-1421	14	
	NOT TOOLED	42475-1621	16	
	15-06-0186	42475-1821	18	
O	15-06-0206	42475-2021	20	
	NOT TOOLED	42475-2221	22	▼
	15-06-0246	42475-2421	24	2
	42475-1071	42475-1071	10	7

PART NUMBER		CKT SIZE	MATERIAL (SEE NOTE 1)
	NOT TOOLED	2	3
	42475-0431	4	▲
	42475-0631	6	
	42475-0831	8	
	42475-1031	10	
	NOT TOOLED	12	
	42475-1431	14	
	NOT TOOLED	16	
	42475-1831	18	
O	42475-2031	20	
	NOT TOOLED	22	▼
	42475-2431	24	3
	NOT TOOLED	2	4
	42475-0441	4	▲
	42475-0641	6	
	42475-0841	8	
	42475-1041	10	
	NOT TOOLED	12	
	42475-1441	14	
	NOT TOOLED	16	
	42475-1841	18	
O	42475-2041	20	
	NOT TOOLED	22	▼
	42475-2441	24	4

O = OBSOLETE

O = OBSOLETE

LEGEND:



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DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC:

EC NO: 690613
DRWN: HPAN18
CHK'D: XQZHANG
APPR: XQZHANG

2021/12/31
2022/01/04
2022/01/04

INITIAL REVISION:

DRWN: GEP
APPR: FSMITH

1989/07/18
2011/09/02

THIRD ANGLE PROJECTION

C-SIZE

DRAWING

C-SIZE

SERIES

42475

PLUG HOUSING B.M.I.
2-24 CIRCUITS MINI-FIT SERIES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-42475-XXX1

DOC TYPE

PSD

DOC PART

001

REVISION

T3

MATERIAL NUMBER

SEE SHEET 4

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 4

DOCUMENT STATUS

P1

RELEASE DATE

2022/01/04

04:52:14

12

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