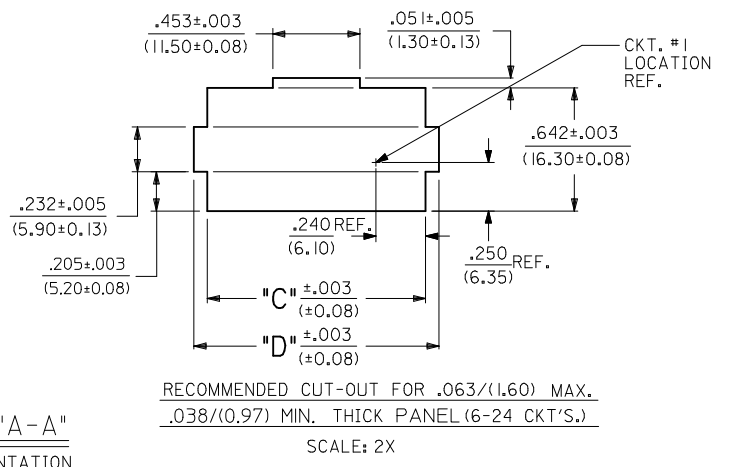
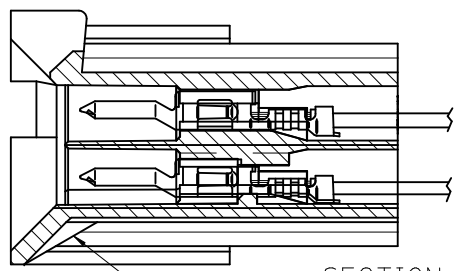
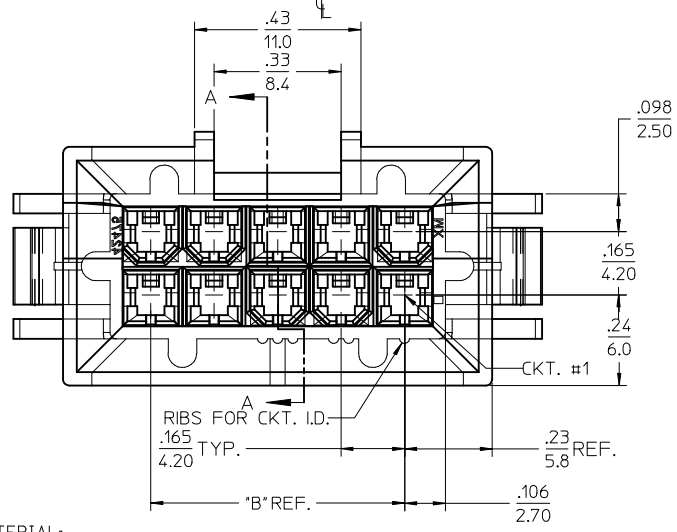
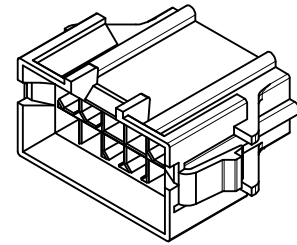
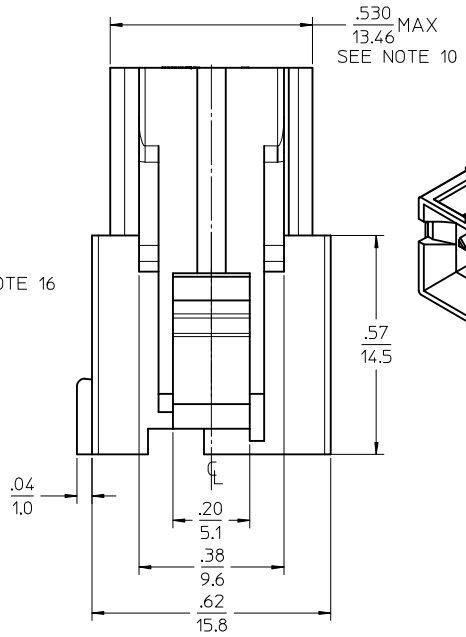
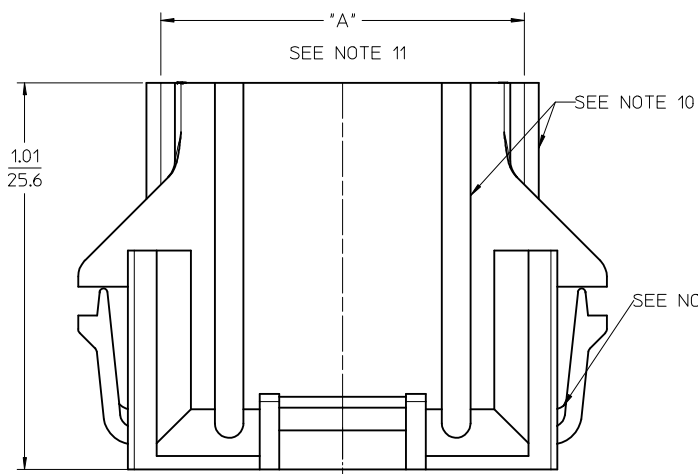




CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
6	.54 (13.8)	.33 (8.4)	.807 (20.50)	.945 (24.00)
8	.71 (18.0)	.50 (12.6)	.972 (24.70)	1.110 (28.20)
10	.87 (22.2)	.66 (16.8)	1.138 (28.90)	1.276 (32.40)
12	1.04 (26.4)	.83 (21.0)	1.303 (33.10)	1.441 (36.60)
14	1.20 (30.6)	.99 (25.2)	1.469 (37.30)	1.606 (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)

NOTES:

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

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

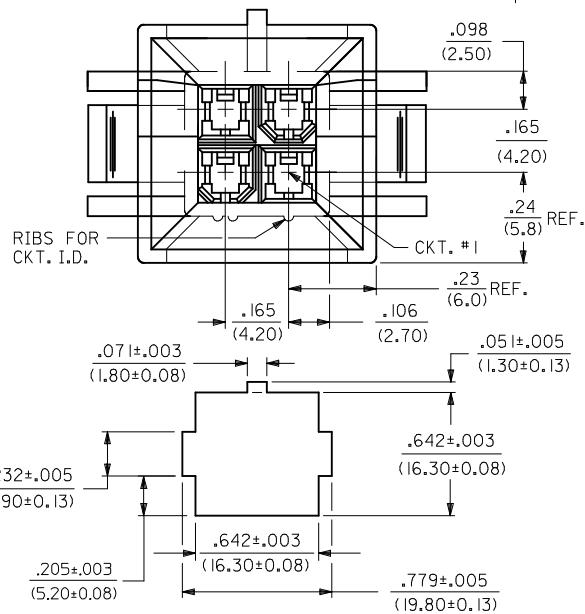
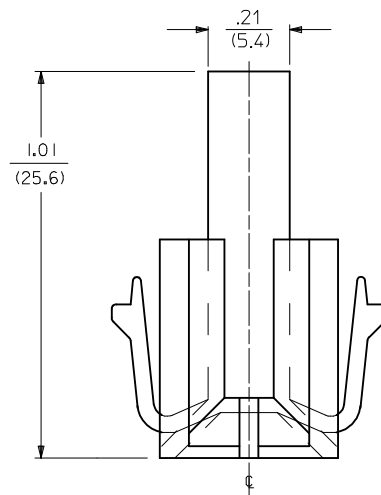
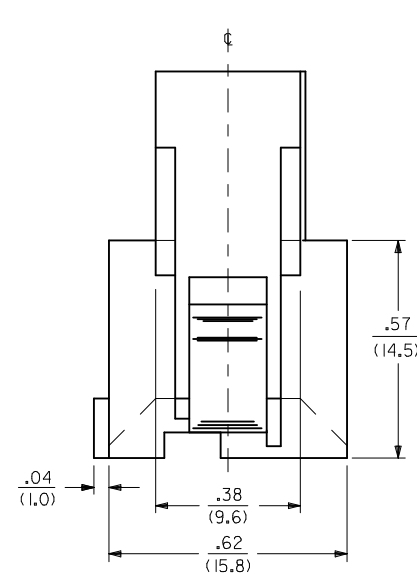
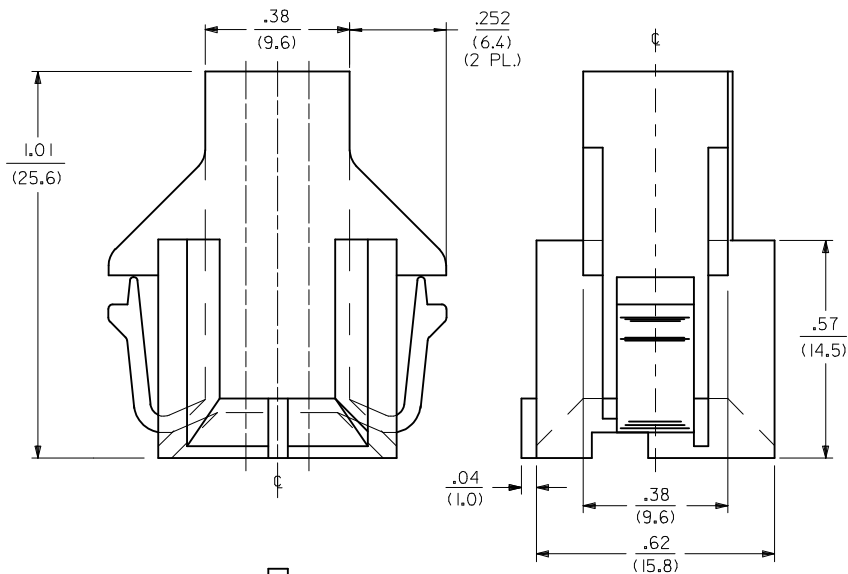
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- PARTS MAY HAVE OPTIONAL GUSSET

SECTION "A-A" TERMINAL ORIENTATION

RECOMMENDED CUT-OUT FOR .063/(1.60) MAX.
.038/(0.97) MIN. THICK PANEL (6-24 CKT.'S.)
SCALE: 2X

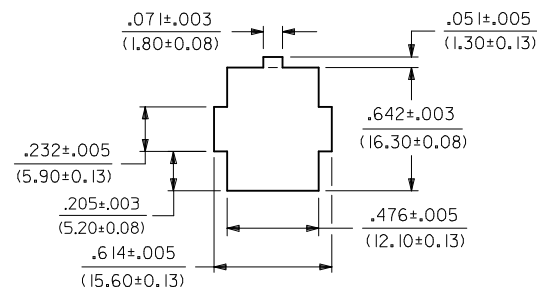
SEE SHEET 2 FOR 2 & 4 CKT. PARTS

ADD MIN PANEL EC NO: UCP2015-4971 DRWN:CSLAFER CHKD:JELL APPR:FSMITH 2016/04/01 2016/04/01 2016/04/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY	DATE	TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES MOLEX INCORPORATED SD-42475-***1				
		4 PLACES ±---	±---	GEP	1989/07/18					
		3 PLACES ±---	±.010	CHECKED BY	DATE					
2 PLACES ±0.25	±.015	RJF	1989/07/18	APPROVED BY		DATE	MATERIAL NO. DOCUMENT NO. SHEET NO. 1 OF 4			
1 PLACE ±0.38	±---	FSMITH	2011/09/02	DATE		DATE				
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



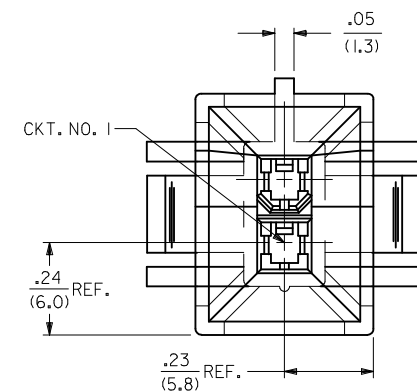
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL (4 CKT'S.)
SCALE: 2X

4 CKT.

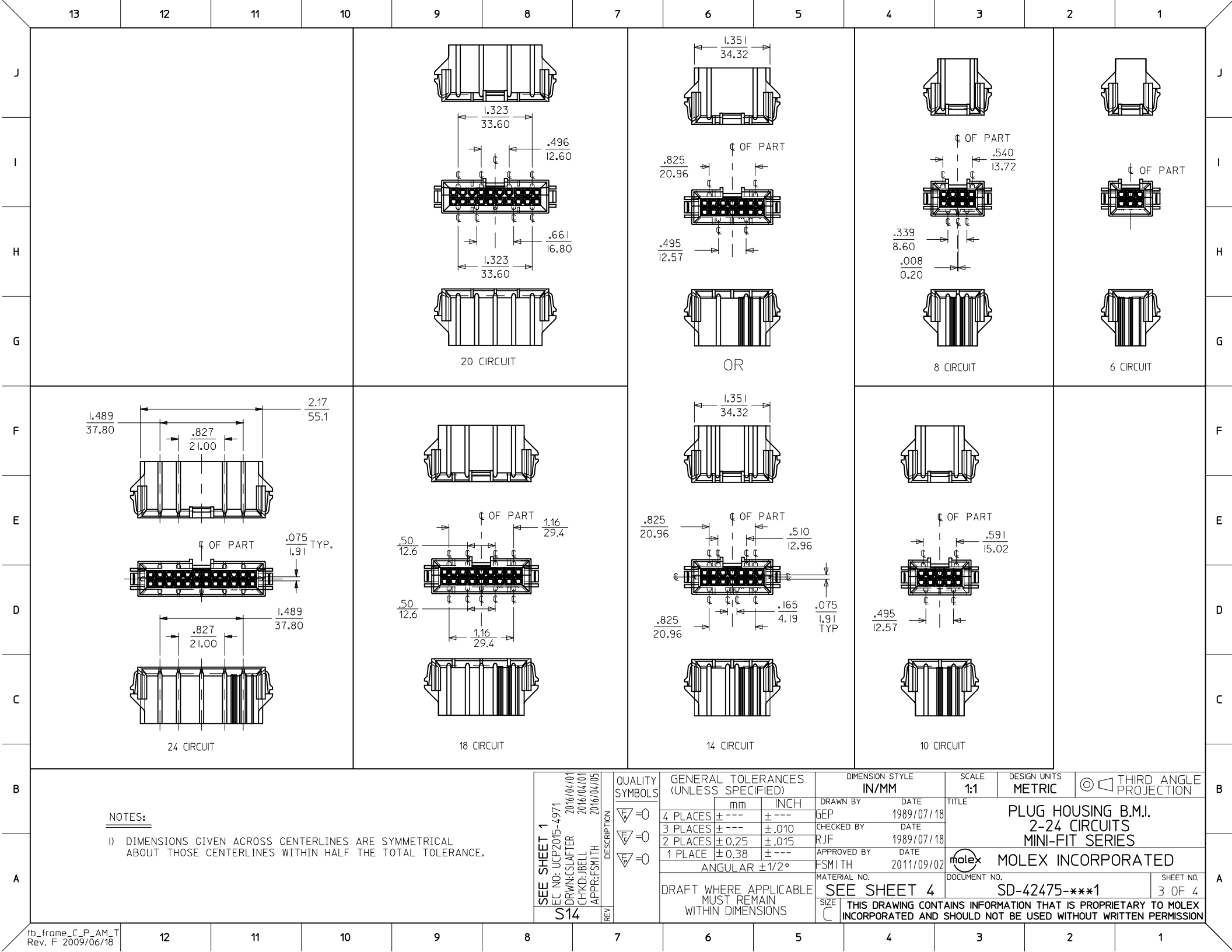


RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL #1 (2 CKT'S.)
SCALE: 2X

2 CKT.



SEE SHEET 1	EC NO: UCP2015-4971	2016/04/01	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWN:SLAFTER	2016/04/01				IN/MM		4:1	METRIC		
	CHKD:JBELL	2016/04/01				DRAWN BY	DATE	TITLE			
	APPR:FSMITH	2016/04/05				GEP	1989/07/18	PLUG HOUSING B.M.I.			
						CHECKED BY	DATE	2-24 CIRCUITS			
						RJF	1989/07/18	MINI-FIT SERIES			
						APPROVED BY	DATE	MOLEX INCORPORATED			
						FSMITH	2011/09/02				
						MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
								2 OF 4			
S14	REV				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 4		SD-42475-***1			
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



13		12		11		10		9		8		7		6		5		4		3		2		1	
PART NUMBER		ENG. NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)				PART NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)											
NOT TOOLED		42475-0211		2		1				NOT TOOLED		2		3											
15-06-0045		42475-0411		4		↑				42475-0431		4		↑											
15-06-0065		42475-0611		6		↓				42475-0631		6		↓											
15-06-0085		42475-0811		8		↓				42475-0831		8		↓											
15-06-0105		42475-1011		10		↓				42475-1031		10		↓											
NOT TOOLED		42475-1211		12		↓				NOT TOOLED		12		↓											
15-06-0145		42475-1411		14		↓				42475-1431		14		↓											
NOT TOOLED		42475-1611		16		↓				NOT TOOLED		16		↓											
15-06-0185		42475-1811		18		↓				42475-1831		18		↓											
15-06-0205		42475-2011		20		↓				42475-2031		20		↓											
NOT TOOLED		42475-2211		22		↓				NOT TOOLED		22		↓											
15-06-0245		42475-2411		24		1				42475-2431		24		3											
NOT TOOLED		42475-0221		2		2				NOT TOOLED		2		4											
15-06-0046		42475-0421		4		↑				42475-0441		4		↑											
15-06-0066		42475-0621		6		↓				42475-0641		6		↓											
50-36-2323		42475-0821		8		↓				42475-0841		8		↓											
15-06-0106		42475-1021		10		↓				42475-1041		10		↓											
NOT TOOLED		42475-1221		12		↓				NOT TOOLED		12		↓											
15-06-0146		42475-1421		14		↓				42475-1441		14		↓											
NOT TOOLED		42475-1621		16		↓				NOT TOOLED		16		↓											
15-06-0186		42475-1821		18		↓				42475-1841		18		↓											
15-06-0206		42475-2021		20		↓				42475-2041		20		↓											
NOT TOOLED		42475-2221		22		↓				NOT TOOLED		22		↓											
15-06-0246		42475-2421		24		2				42475-2441		24		4											
O = OBSOLETE																									
O = OBSOLETE																									
LEGEND:																									
42475 - ** * 1																									
BASE NUMBER																									
CIRCUIT SIZE																									
MATERIAL (SEE NOTE 1.)																									
SEE SHEET 1																									
EC NO: UCP2015-4971																									
DRWN:SLAFER																									
CHKD:JBELL																									
APPR:FSMITH																									
REV																									
QUALITY SYMBOLS																									
GENERAL TOLERANCES (UNLESS SPECIFIED)																									
mm INCH																									
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MINI-FIT SERIES																									
MOLEX INCORPORATED																									
SD-42475-***1																									
SHEET NO.																									
4 OF 4																									
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12		11		10		9		8		7		6		5		4		3		2		1			