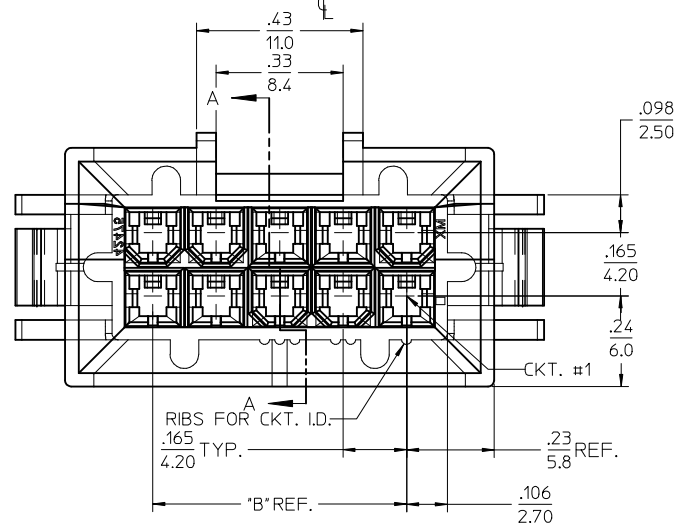
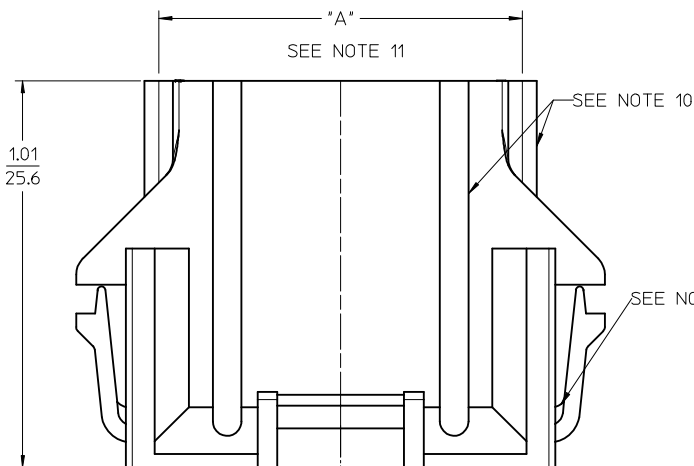
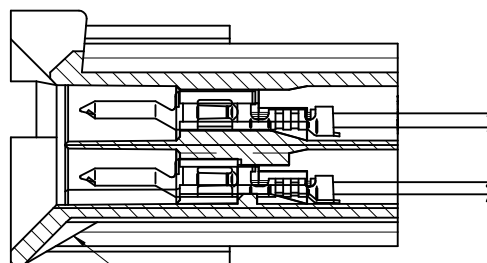
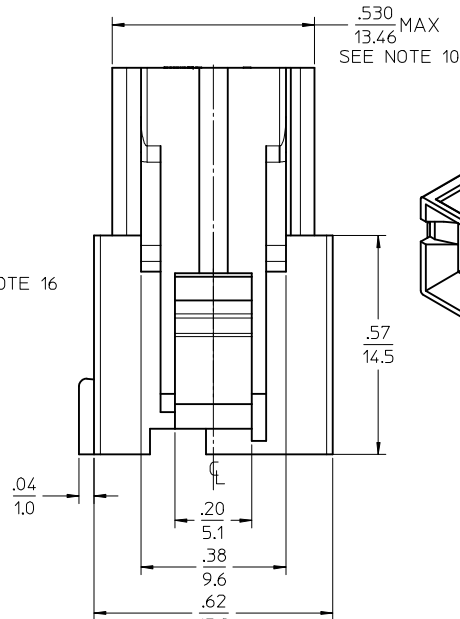




NOTES:

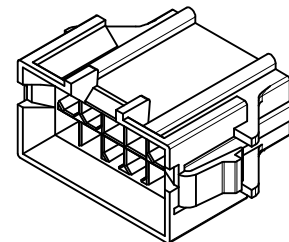
- 1) MATERIAL:
 - 1 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: NATURAL
 - 2 = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: NATURAL
 - 3 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
 - 4 = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: BLACK
- 2) FINISH NOT APPLICABLE.
- 3) PRODUCT SPECIFICATION: PS-5556-002
- 4) PACKAGING SPECIFICATION: 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 SPECIFICATION PS-45499-022.

SEE SHEET 2 FOR 2 & 4 CKT. PARTS

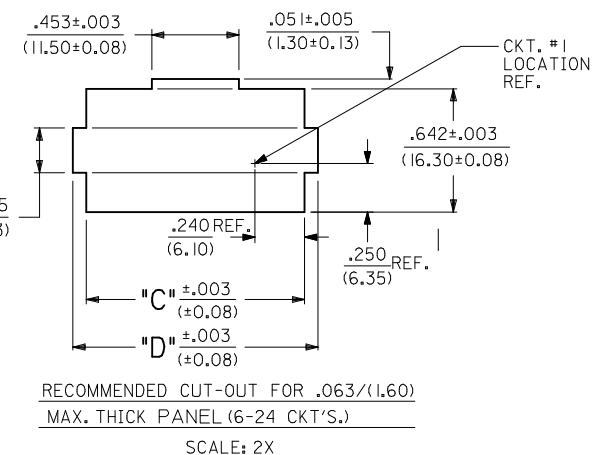


SECTION "A-A" TERMINAL ORIENTATION

- 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 RIBS, RIB DIMENSIONS AND LOCATION).
- 12) 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.
- 13) INTERIOR RIB LOCATION MAY VARY.



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)

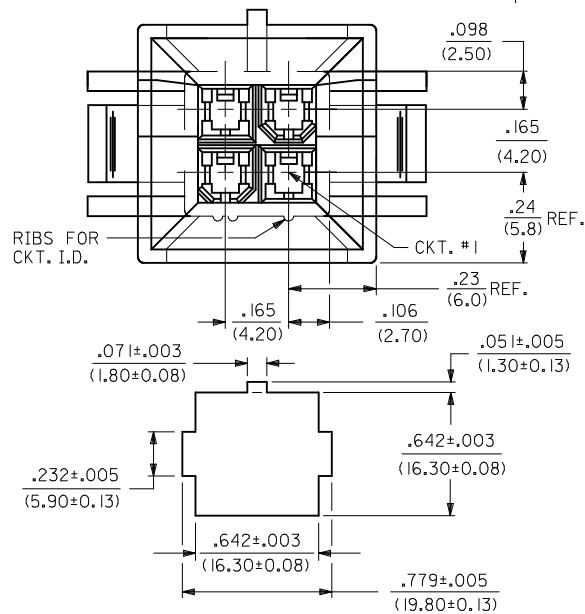
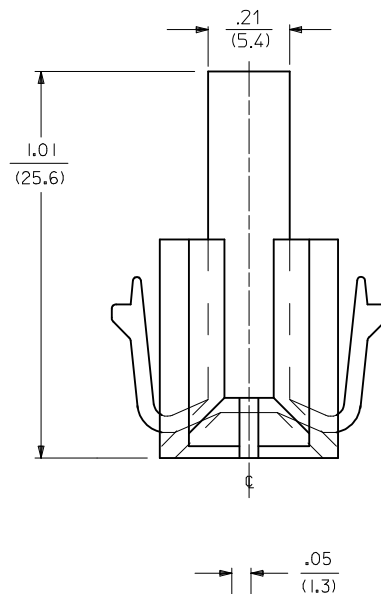
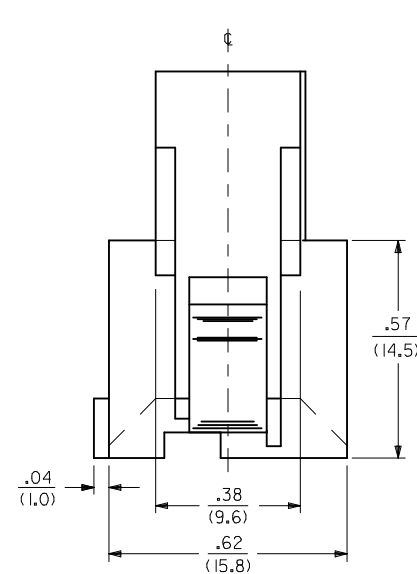
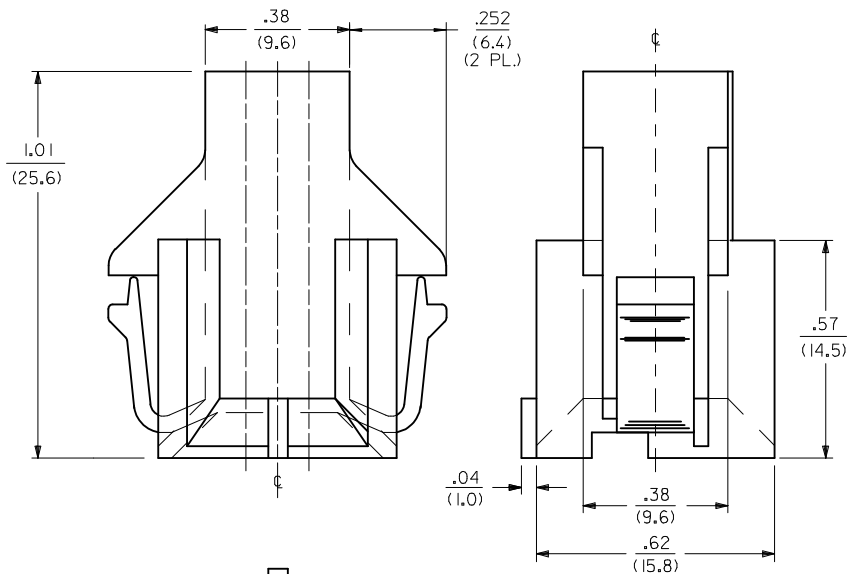


RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL (6-24 CKT'S.)

SCALE: 2X

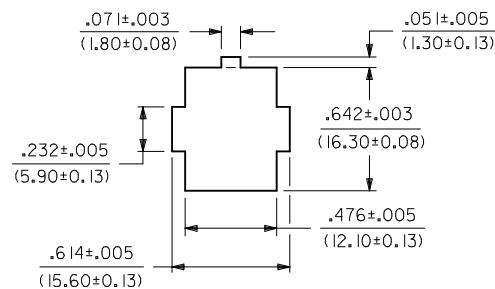
- 14) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 15) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- 16) PARTS MAY HAVE OPTIONAL GUSSET

UPDATE 18CKT RIBS EC NO: UCP2013-1918 2012/11/13 DRWN:BBEE CHKD:JBELL 2012/11/13 APPR:FSM/TH				QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
S11	DESCRIPTION	REV	mm		INCH		DRAWN BY DATE		TITLE			
			4 PLACES ± --- ± ---		GEP 1989/07/18		PLUG HOUSING B.M.I.					
			3 PLACES ± --- ± .010		CHECKED BY DATE		2-24 CIRCUITS					
			2 PLACES ± 0.25 ± .015		R/JF 1989/07/18		MINI-FIT SERIES					
			1 PLACE ± 0.38 ± ---		APPROVED BY DATE		MOLEX INCORPORATED					
ANGULAR ± 1/2°		FSM/TH 2011/09/02		molex								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
		SEE SHEET 4		SD-42475-***1		1 OF 4						
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



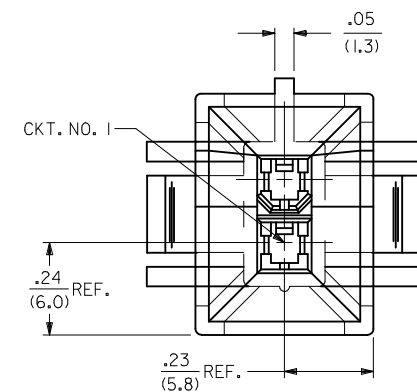
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL (4 CKT'S.)
SCALE: 2X

4 CKT.



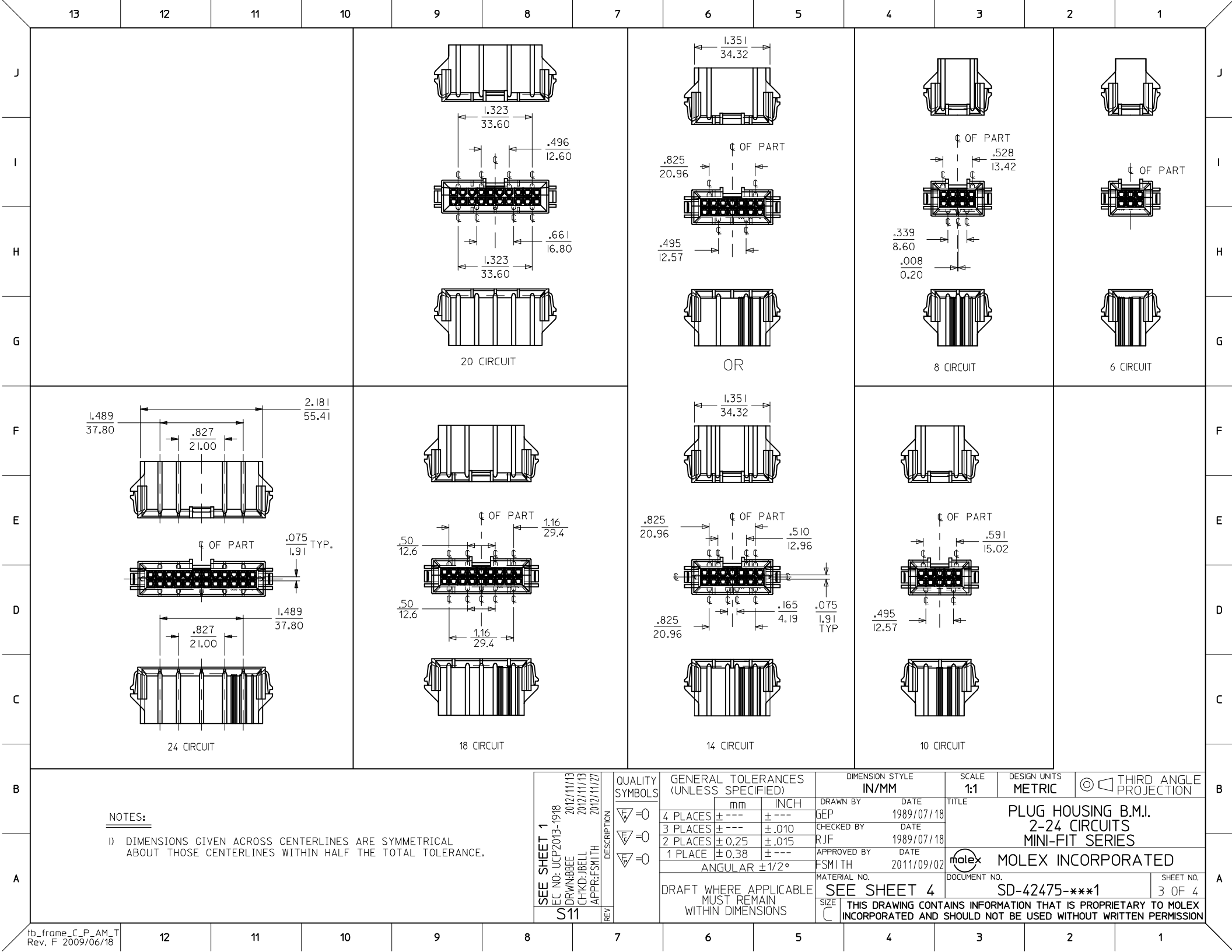
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL #1 (2 CKT'S.)
SCALE: 2X

2 CKT.



SEE SHEET 1 EC NO: UCP2013-1918 2012/11/13 DRWN:BBEE CHKD:JBELL 2012/11/13 APPR:FSMITH 2012/11/27	QUALITY SYMBOLS F =0 E =0 F =0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY GEP		DATE 1989/07/18	TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES		
						CHECKED BY RJF		DATE 1989/07/18			
						APPROVED BY FSMITH		DATE 2011/09/02	molex MOLEX INCORPORATED		
						MATERIAL NO.		DOCUMENT NO.			SHEET NO. 2 OF 4
				ANGULAR ±1/2°		SEE SHEET 4		SD-42475-***1			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

SIZE C	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.)				42475-***2I, 5558-GS*		42474-***2I, 5556-PBGS*P		94V-0		PHOS. BRZ.		GOLD	
NOT TOOLED		42475-02II		2		I				NOT TOOLED		2		3				42475-***1I, 5558-GS*		42474-***1I, 5556-PBGS*P		94V-2		BRASS		GOLD	
I5-06-0045		42475-04II		4		↑				42475-043I		4		↑				42475-***2I, 5558-GS*		42474-***2I, 5556-GS*P		94V-0		BRASS		GOLD	
I5-06-0065		42475-06II		6						42475-063I		6						42475-***1I, 5558-GS*		42474-***1I, 5556-GS*P		94V-2		PHOS. BRZ.		TIN	
I5-06-0085		42475-08II		8						42475-083I		8						42475-***2I, 5558-PBS*		42474-***2I, 5556-PBS*P		94V-0		BRASS		TIN	
I5-06-0105		42475-10II		10						42475-103I		10						42475-***1I, 5558-PBS*		42474-***1I, 5556-PBS*P		94V-2		PHOS. BRZ.		GOLD	
NOT TOOLED		42475-12II		12						NOT TOOLED		12						42475-***2I, 5558-GS*		A-42385-***D2		94V-0		BRASS		GOLD	
I5-06-0145		42475-14II		14						42475-143I		14						42475-***1I, 5558-GS*		A-42385-***C2		94V-2		PHOS. BRZ.		GOLD	
NOT TOOLED		42475-16II		16						NOT TOOLED		16						42475-***2I, 5558-GS*		A-42385-***B2		94V-0		BRASS		GOLD	
I5-06-0185		42475-18II		18						42475-183I		18						42475-***1I, 5558-PBS*		A-42385-***A2		94V-2		PHOS. BRZ.		TIN	
O I5-06-0205		42475-20II		20						O 42475-203I		20						42475-***2I, 5558-PBS*		A-42385-***D1		94V-0		PHOS. BRZ.		TIN	
NOT TOOLED		42475-22II		22		↓				NOT TOOLED		22		↓				42475-***1I, 5558-PBS*		A-42385-***C1		94V-2		BRASS		TIN	
I5-06-0245		42475-24II		24		I				42475-243I		24		3				42475-***2I, 5558-S*		A-42385-***B1		94V-0		BRASS		TIN	
																		42475-***1I, 5558-S*		A-42385-***A1		94V-2					
NOT TOOLED		42475-022I		2		2				NOT TOOLED		2		4				PLUG HOUSING/ MALE TERMINAL		MATING CONNECTOR		HSG. MAT'L.		TERM. MAT'L.		PLATING	
I5-06-0046		42475-042I		4		↑				42475-044I		4		↑													
I5-06-0066		42475-062I		6						42475-064I		6															
50-36-2323		42475-082I		8						42475-084I		8															
I5-06-0106		42475-102I		10						42475-104I		10															
NOT TOOLED		42475-122I		12						NOT TOOLED		12															
I5-06-0146		42475-142I		14						42475-144I		14															
NOT TOOLED		42475-162I		16						NOT TOOLED		16															
I5-06-0186		42475-182I		18						42475-184I		18															
O I5-06-0206		42475-202I		20						O 42475-204I		20															
NOT TOOLED		42475-222I		22		↓				NOT TOOLED		22		↓													
I5-06-0246		42475-242I		24		2				42475-244I		24		4													
O = OBSOLETE																											
LEGEND: 42475 - ** * I BASE NUMBER CIRCUIT SIZE MATERIAL (SEE NOTE 1.)																											
SEE SHEET 1 EC NO: UCP2013-1918 DRWN:BBEE CHKD:JBELL APPR:FSMITH 2012/11/13 2012/11/13 2012/11/27 DESCRIPTION REV QUALITY SYMBOLS GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE SCALE DESIGN UNITS THIRD ANGLE PROJECTION TITLE APPROVED BY DATE MATERIAL NO. DOCUMENT NO. SHEET NO. THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																											
12		11		10		9		8		7		6		5		4		3		2		1					