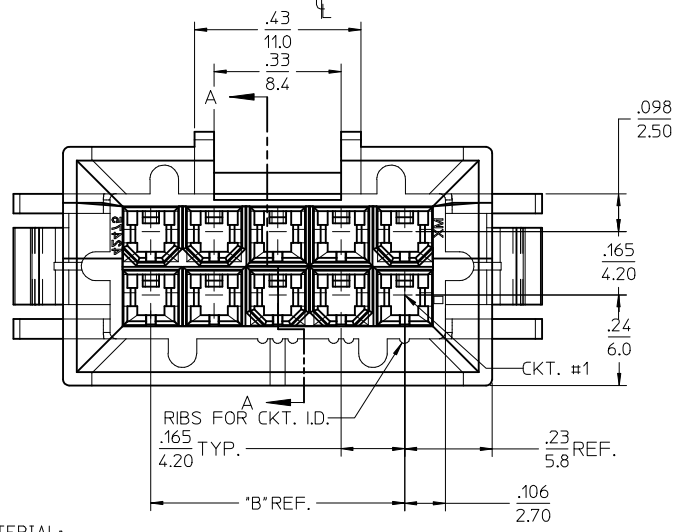
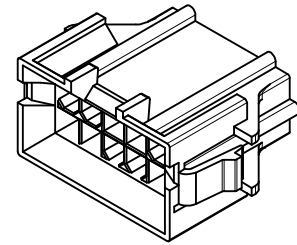
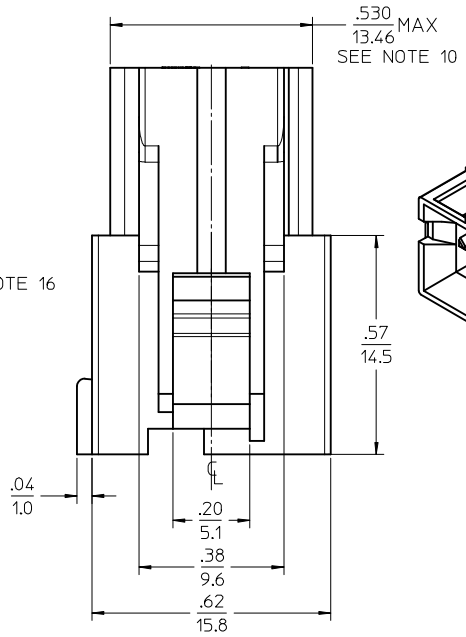
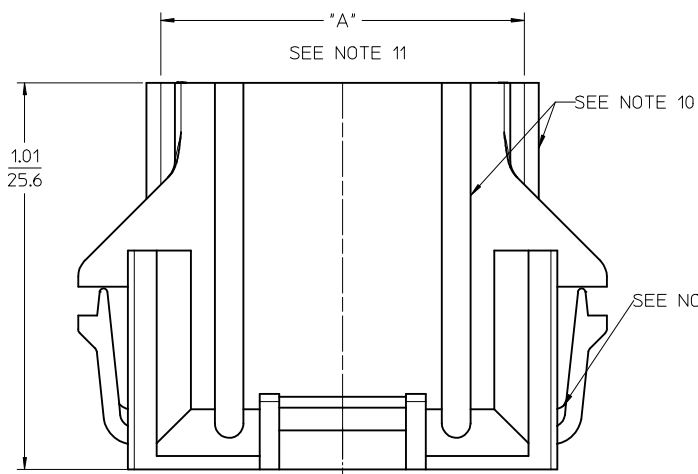
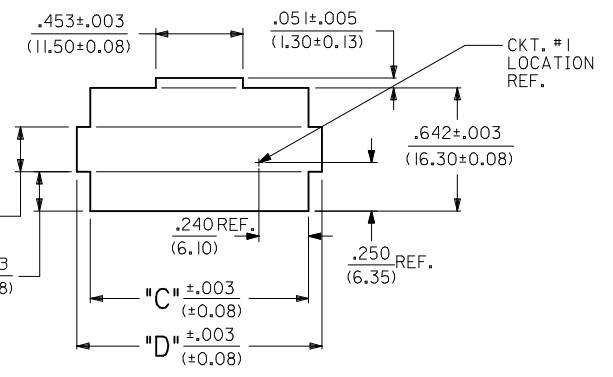


SECTION "A-A"
TERMINAL ORIENTATION



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

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:
 - 1 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: NATURAL
 - 2 = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: NATURAL (WHITE)
 - 3 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
 - 4 = 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.

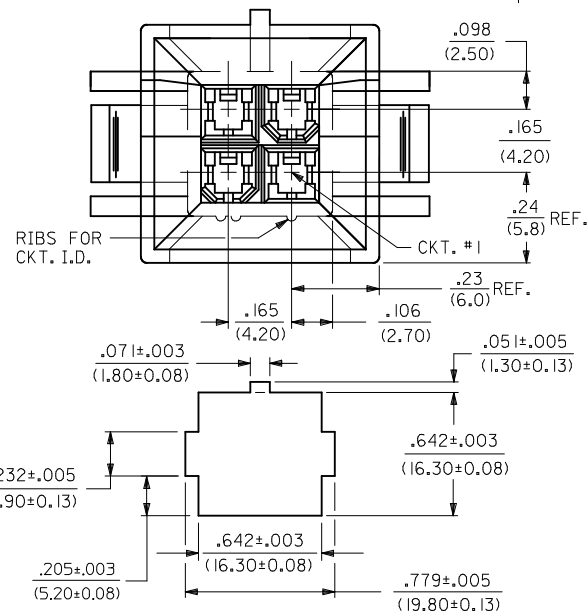
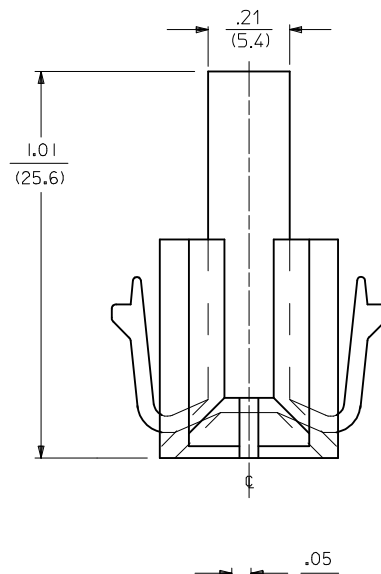
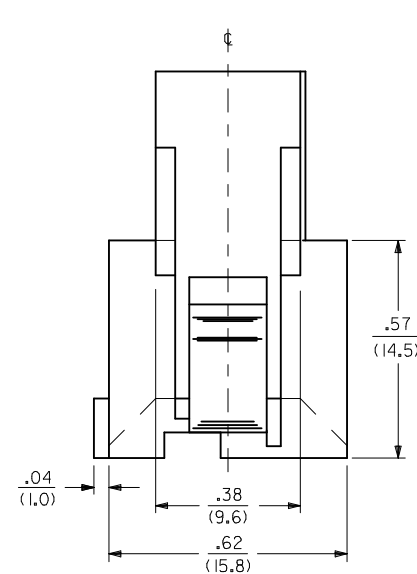
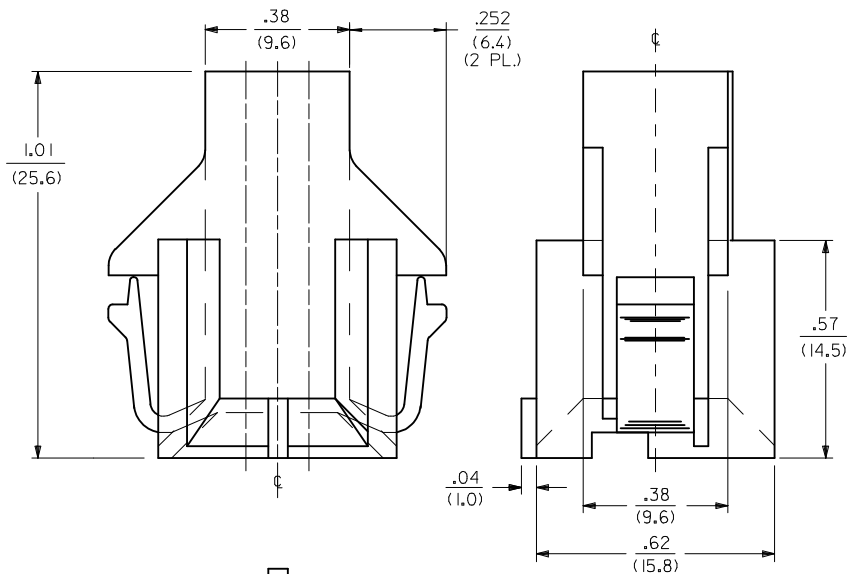
- FOR MANUFACTURING EASE PARTS MAY HAVE OPTIONAL EJECTOR RIBS. SEE SHT. 3 FOR LOCATION.
- DIMENSION DOES NOT INCLUDE EJECTOR RIBS (SEE PAGE #3 FOR PARTS WITH RIBS, RIB DIMENSIONS AND LOCATION).
- IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED.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

SEE SHEET 2 FOR 2 & 4 CKT. PARTS

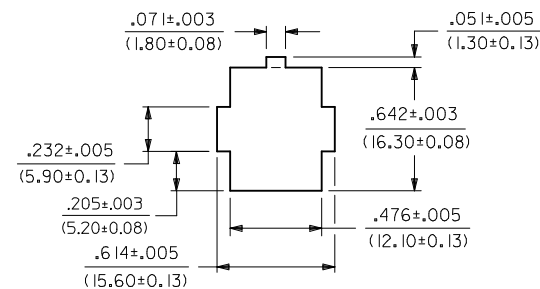
ADD MIN PANEL EC NO: UCP2015-4971 DRWN:CSLAFER 2016/04/01 CHKD:JELL 2016/04/01 APPR:FSMITH 2016/04/05 REV S14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .002</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .004</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± .020</td> </tr> </table>			mm	INCH	4 PLACES	± .005	± .002	3 PLACES	± .010	± .004	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± .020	DRAWN BY GEP DATE 1989/07/18 CHECKED BY RJE DATE 1989/07/18 APPROVED BY FSMITH DATE 2011/09/02		TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES			
			mm	INCH																				
		4 PLACES	± .005	± .002																				
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ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED		SHEET NO. 1 OF 4																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		SD-42475-***1																				

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



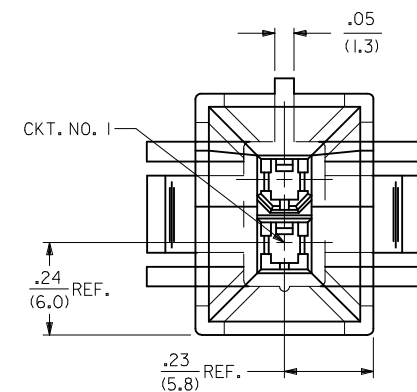
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL (4 CKT'S.)
SCALE: 2X

4 CKT.



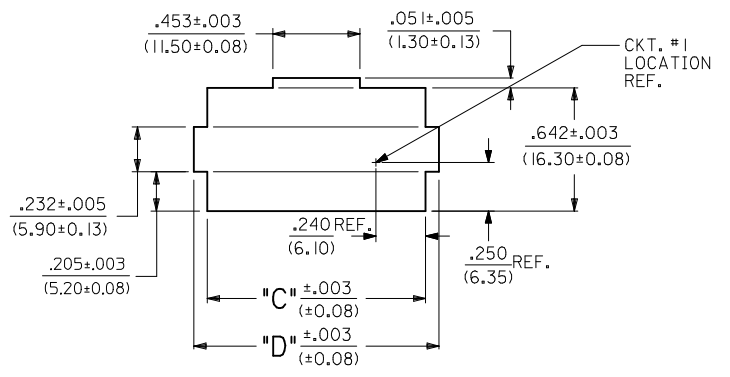
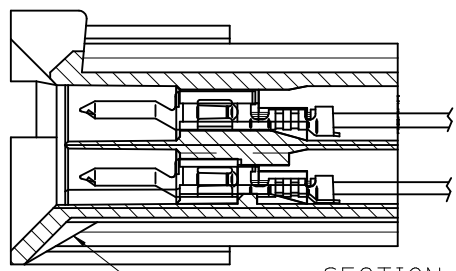
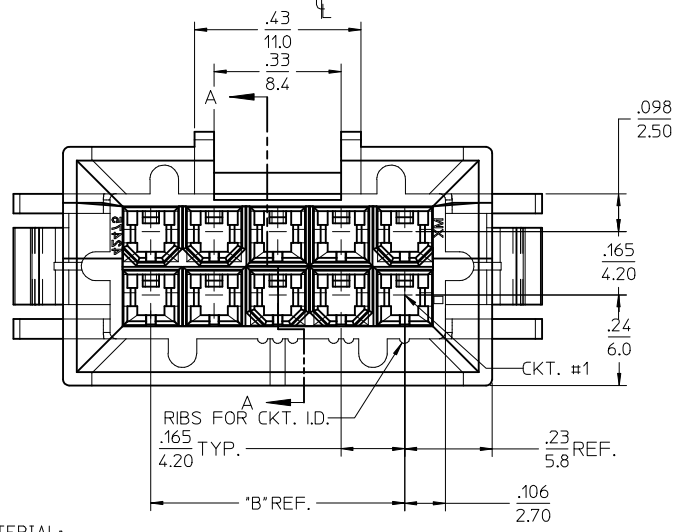
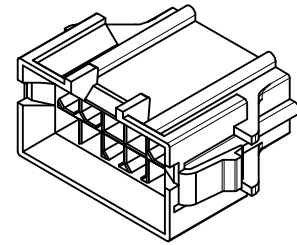
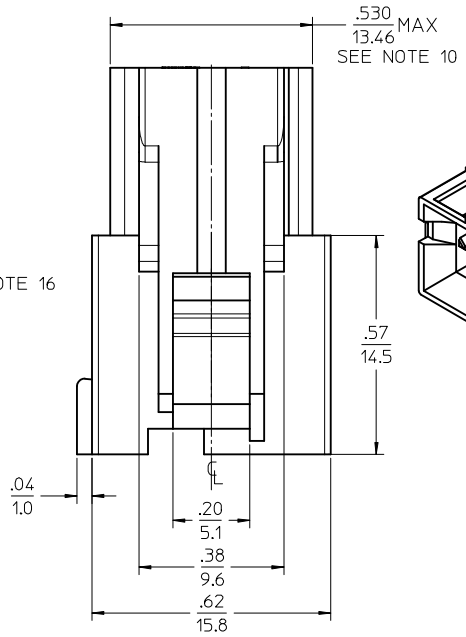
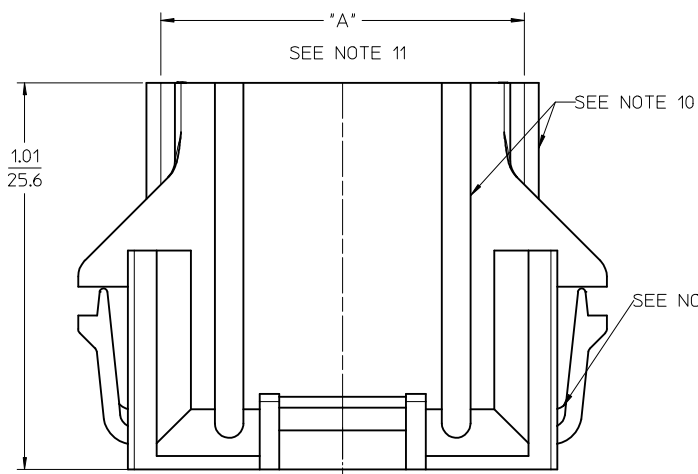
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL #1 (2 CKT'S.)
SCALE: 2X

2 CKT.



SEE SHEET 1 EC NO: UCP2015-4971 DRWN:SLAFTER 2016/04/01 CHKD:JBELL 2016/04/01 APPR:FSMITH 2016/04/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± ---	ANGULAR ±1/2°			DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																			
				4 PLACES	± ---	± ---																			
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DRAWN BY GEP		DATE 1989/07/18	TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES																						
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APPROVED BY FSMITH		DATE 2011/09/02	molex MOLEX INCORPORATED																						
MATERIAL NO.		DOCUMENT NO.																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4	SD-42475-***1																						
S14	REV	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
			SHEET NO. 2 OF 4																						

[illegible]



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)
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 - 3 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
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- 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.
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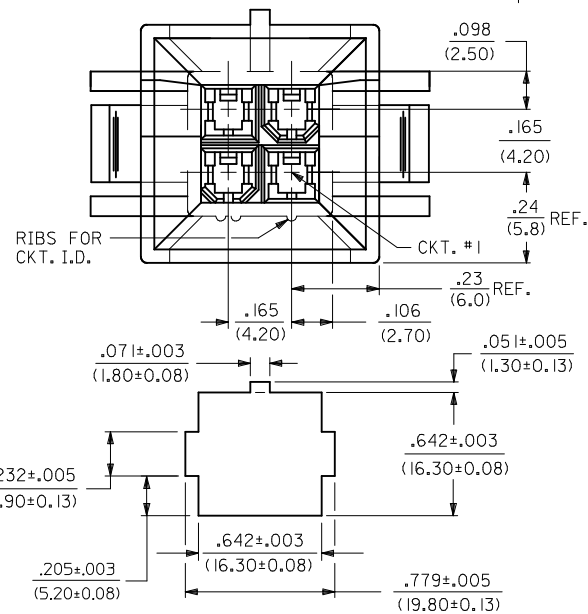
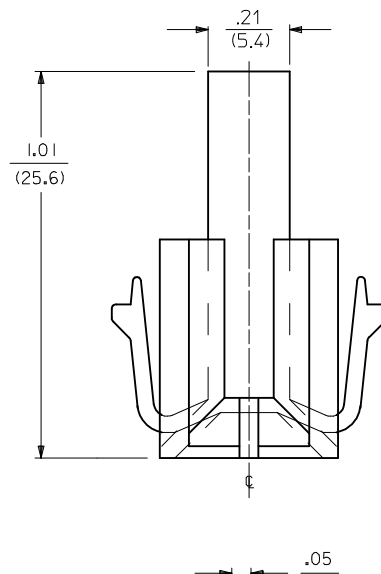
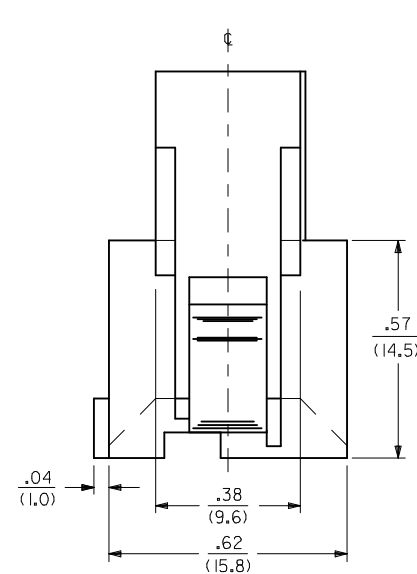
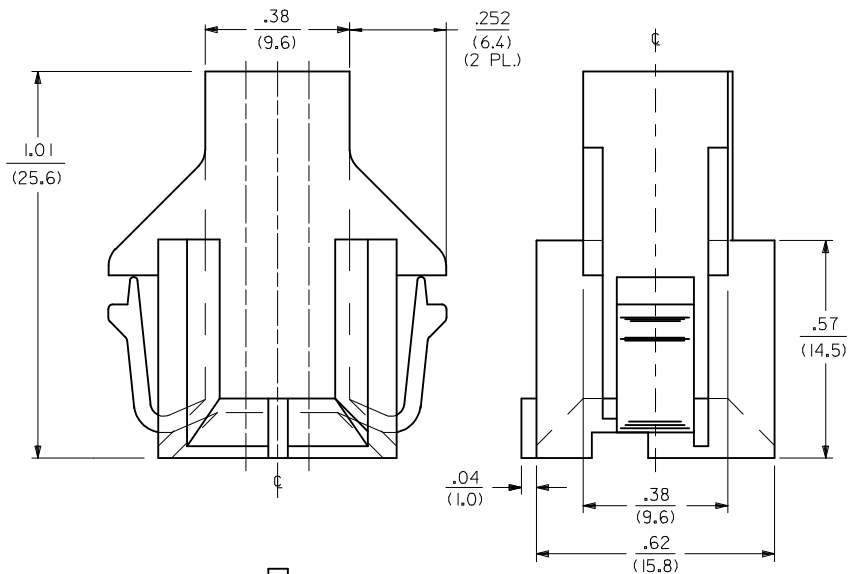
SECTION "A-A" TERMINAL ORIENTATION

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

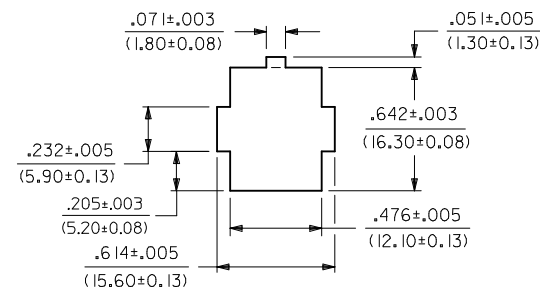
ADD MIN PANEL EC NO: UCP2015-4971 DRWN:CSLAFER 2016/04/01 CHKD:JELL 2016/04/01 APPR:FSMITH 2016/04/05 REV S14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± .020</td> </tr> </table>			mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .010	± .0010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± .020	DRAWN BY GEP DATE 1989/07/18 CHECKED BY RJE DATE 1989/07/18 APPROVED BY FSMITH DATE 2011/09/02		TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES			
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ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		SD-42475-***1		1 OF 4																		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



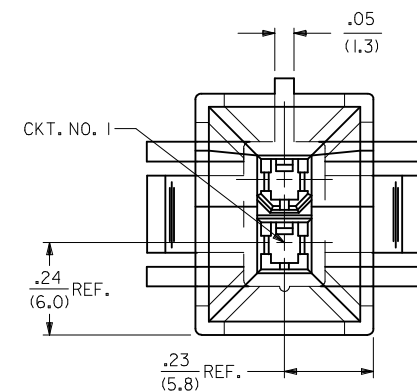
RECOMMENDED CUT-OUT FOR .063/(1.60)
MAX. THICK PANEL (4 CKT'S.)
SCALE: 2X

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 DRWN:SLAFTER 2016/04/01 CHKD:JBELL 2016/04/01 APPR:FSMITH 2016/04/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± ---	ANGULAR ±1/2°			DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					mm	INCH																			
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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																								
MATERIAL NO.		DOCUMENT NO.		SHEET NO.																					
SEE SHEET 4		SD-42475-***1		2 OF 4																					
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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																									
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																									
4 PLACES ± --- ± ---																									
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																									
DIMENSION STYLE IN/MM																									
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GEP 1989/07/18																									
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RJF 1989/07/18																									
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FSMITH 2011/09/02																									
MATERIAL NO.																									
DOCUMENT NO.																									
TITLE																									
PLUG HOUSING B.M.I.																									
2-24 CIRCUITS																									
MINI-FIT SERIES																									
MOLEX INCORPORATED																									
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4 OF 4																									
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