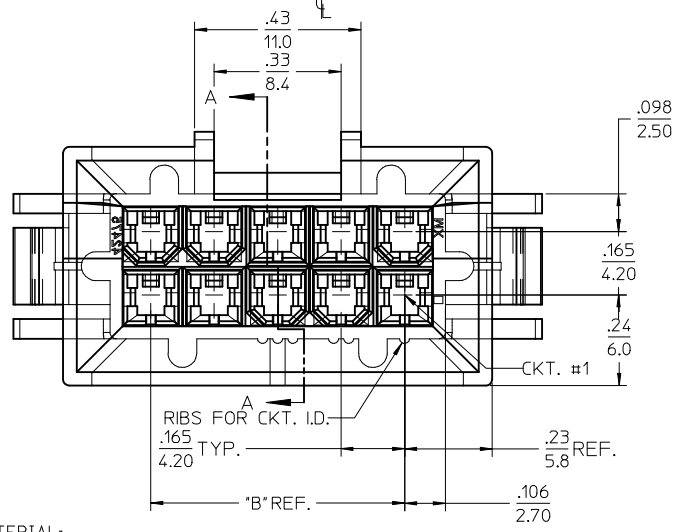
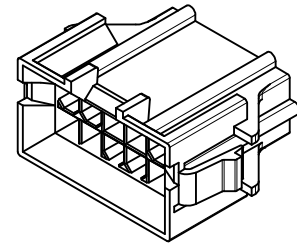
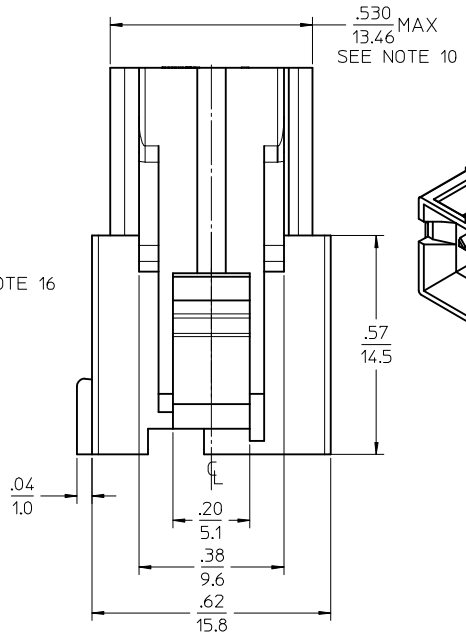
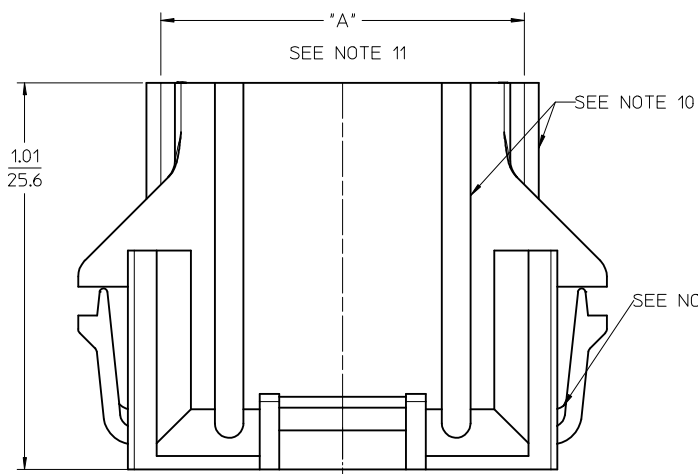
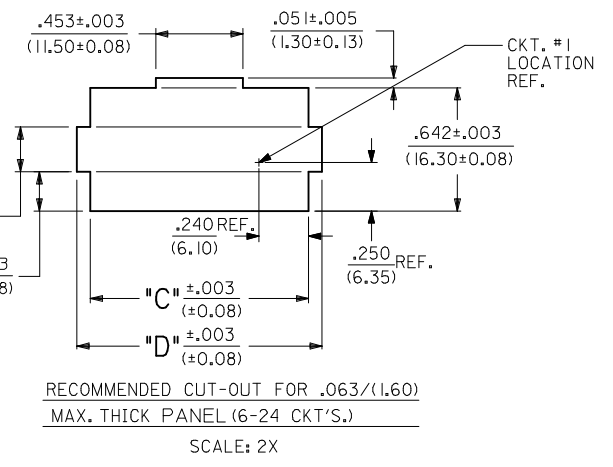


SECTION "A-A"
TERMINAL ORIENTATION



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:

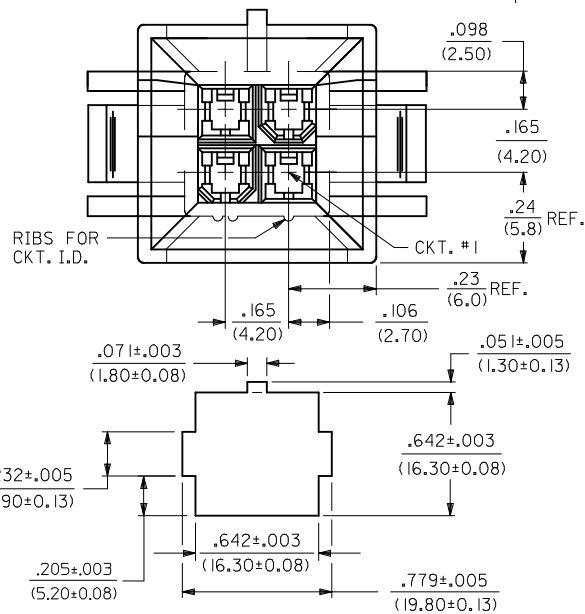
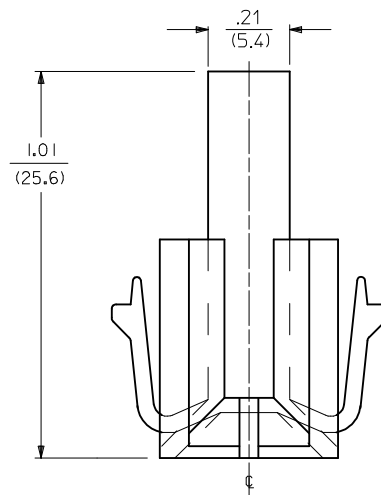
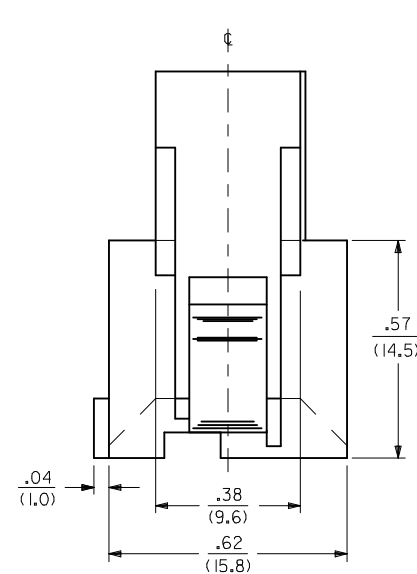
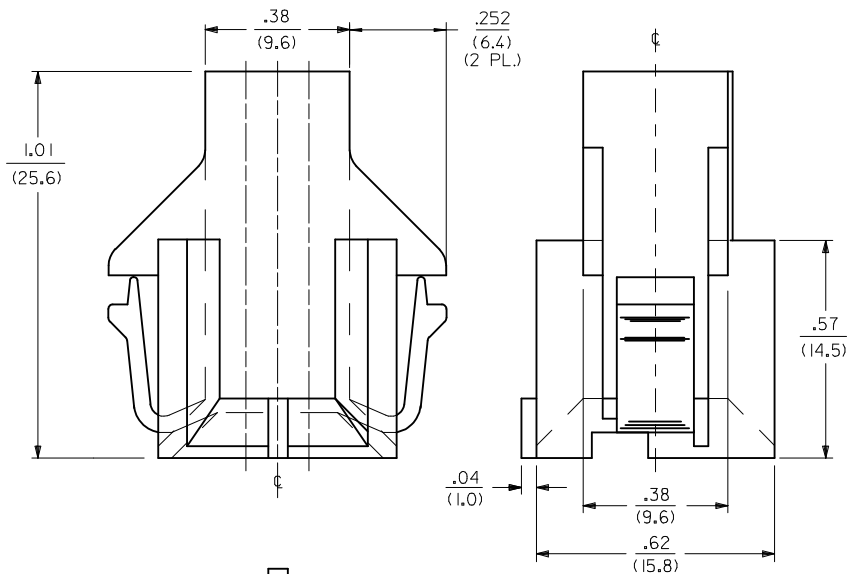
- MATERIAL:
 - 1 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: NATURAL
 - 2 = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: NATURAL (WHITE)
 - 3 = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
 - 4 = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: BLACK
- FINISH NOT APPLICABLE.
- PRODUCT SPECIFICATION: PS-5556-002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

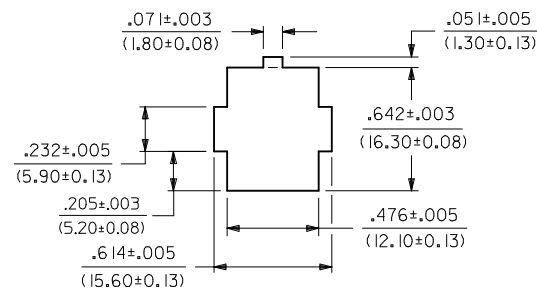
UPDATE 24CKT RIBS EC NO: UCP2016-2229 DRWN: JONT CHKD: BELL APPR: FSM 2015/12/03 2015/12/03 2015/12/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE GEP 1989/07/18 CHECKED BY DATE RJF 1989/07/18 APPROVED BY DATE FSMITH 2011/09/02		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 4		DOCUMENT NO. SD-42475-***1	SHEET NO. 1 OF 4		
		MOLEX INCORPORATED							
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

SEE SHEET 2 FOR 2 & 4 CKT. PARTS



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

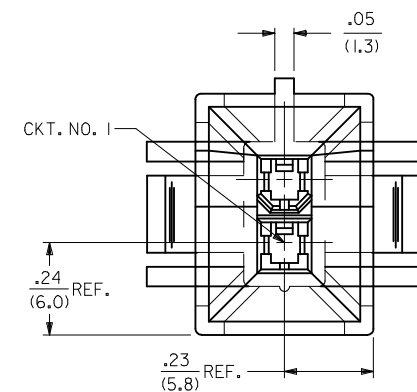
4 CKT.



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

SCALE: 2X

2 CKT.



CKT. NO. 1

SEE SHEET 1 EC NO: UCP2016-2229 DRWN: JNONT CHKD: JELL APPR: FSMITH	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
						IN/MM		4:1	METRIC				
					mm		INCH	DRAWN BY			DATE		TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES
				4 PLACES	± ---	± ---	GEP	1989/07/18					
				3 PLACES	± ---	± .010	CHECKED BY	DATE					
				2 PLACES	± 0.25	± .015	RJF	1989/07/18					
				1 PLACE	± 0.38	± ---	APPROVED BY	DATE					
				ANGULAR ±1/2°		FSMITH	2011/09/02		 MOLEX INCORPORATED				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
						SEE SHEET 4		SD-42475-***1			2 OF 4		
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.)							
J		NOT TOOLED	42475-0211	2	1				NOT TOOLED	2	3						
	I5-06-0045	42475-0411	4	↑				42475-0431	4	↑							
I	I5-06-0065	42475-0611	6					42475-0631	6								
	I5-06-0085	42475-0811	8					42475-0831	8								
	I5-06-0105	42475-1011	10					42475-1031	10								
	NOT TOOLED	42475-1211	12					NOT TOOLED	12								
H	I5-06-0145	42475-1411	14					42475-1431	14								
	NOT TOOLED	42475-1611	16					NOT TOOLED	16								
	I5-06-0185	42475-1811	18					42475-1831	18								
	O I5-06-0205	42475-2011	20			O		42475-2031	20								
G	NOT TOOLED	42475-2211	22	↓				NOT TOOLED	22	↓							
	I5-06-0245	42475-2411	24	1				42475-2431	24	3							
	NOT TOOLED	42475-0221	2	2				NOT TOOLED	2	4							
F	I5-06-0046	42475-0421	4	↑				42475-0441	4	↑							
	I5-06-0066	42475-0621	6					42475-0641	6								
	50-36-2323	42475-0821	8					42475-0841	8								
	I5-06-0106	42475-1021	10					42475-1041	10								
E	NOT TOOLED	42475-1221	12					NOT TOOLED	12								
	I5-06-0146	42475-1421	14					42475-1441	14								
	NOT TOOLED	42475-1621	16					NOT TOOLED	16								
	I5-06-0186	42475-1821	18					42475-1841	18								
D	O I5-06-0206	42475-2021	20			O		42475-2041	20								
	NOT TOOLED	42475-2221	22	↓				NOT TOOLED	22	↓							
	I5-06-0246	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: UCP2016-2229 DRWN:JNONT 2015/12/03 CHKD:JBELL 2015/12/03 APPR:FSMITH 2015/12/17 QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE GEP 1989/07/18 CHECKED BY DATE RJF 1989/07/18 APPROVED BY DATE FSMITH 2011/09/02 SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES MOLEX MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-42475-***1 SHEET NO. 4 OF 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
1b_frame_C_P_AM_T Rev. F 2009/06/18		12	11	10	9	8	7	6	5	4	3	2	1				