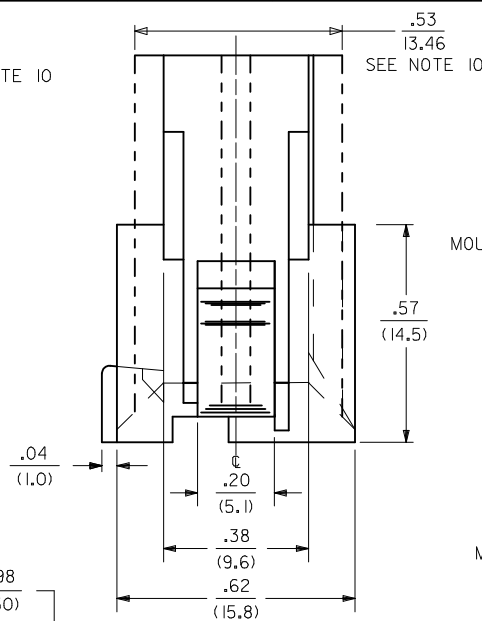
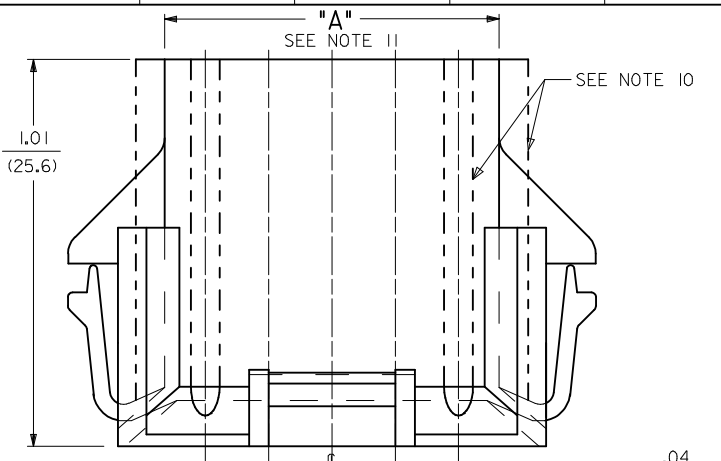
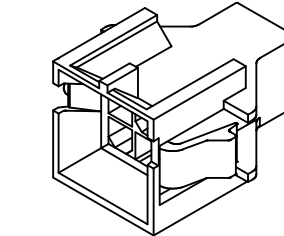
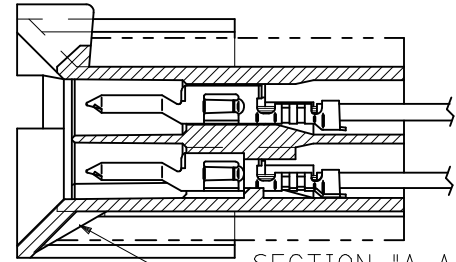




42475-***I
MOUNTING EAR DESIGN "A"
(SEE NOTE 9)

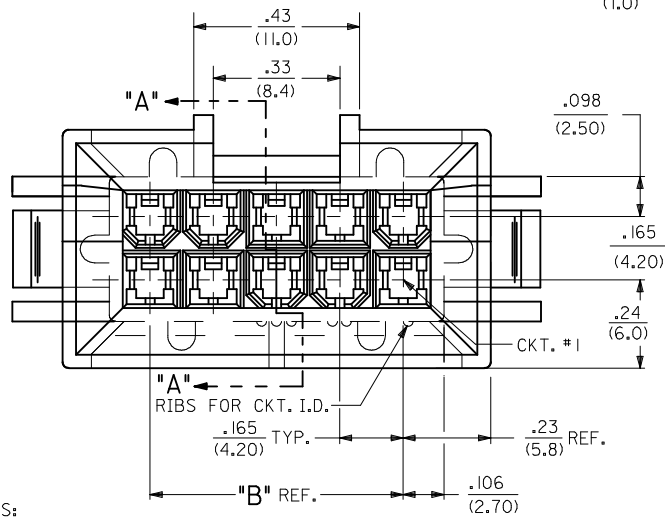


42475-***I
MOUNTING EAR DESIGN "B"
(SEE NOTE 9)



SECTION "A-A"
TERMINAL ORIENTATION

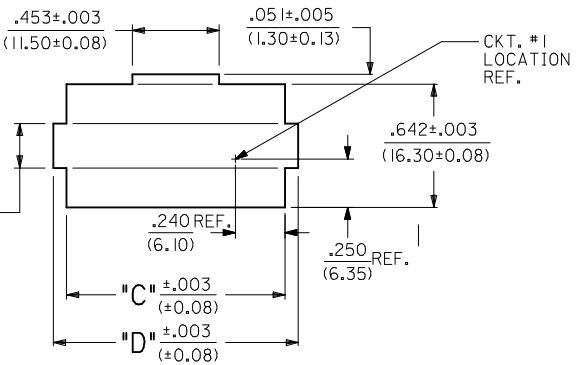
SEE NOTE #13



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) THIS PART CONFORMS TO MOLEX PRODUCT SPEC. NO. 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) PARTS MANUFACTURED AFTER 95/12/31 MAY HAVE MOUNTING EAR DESIGN "B" PARTS WITH MOUNTING EAR DESIGN "A" WILL BE OBSOLETE AS TOOL LIFE DICTATES. IN SOME CASES, PARTS MAY BE AVAILABLE WITH BOTH MOUNTING EAR DESIGNS. SEE CHART ON SHEET 4 FOR SPECIFIC EAR DESIGN AVAILABILITY.

- 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.



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

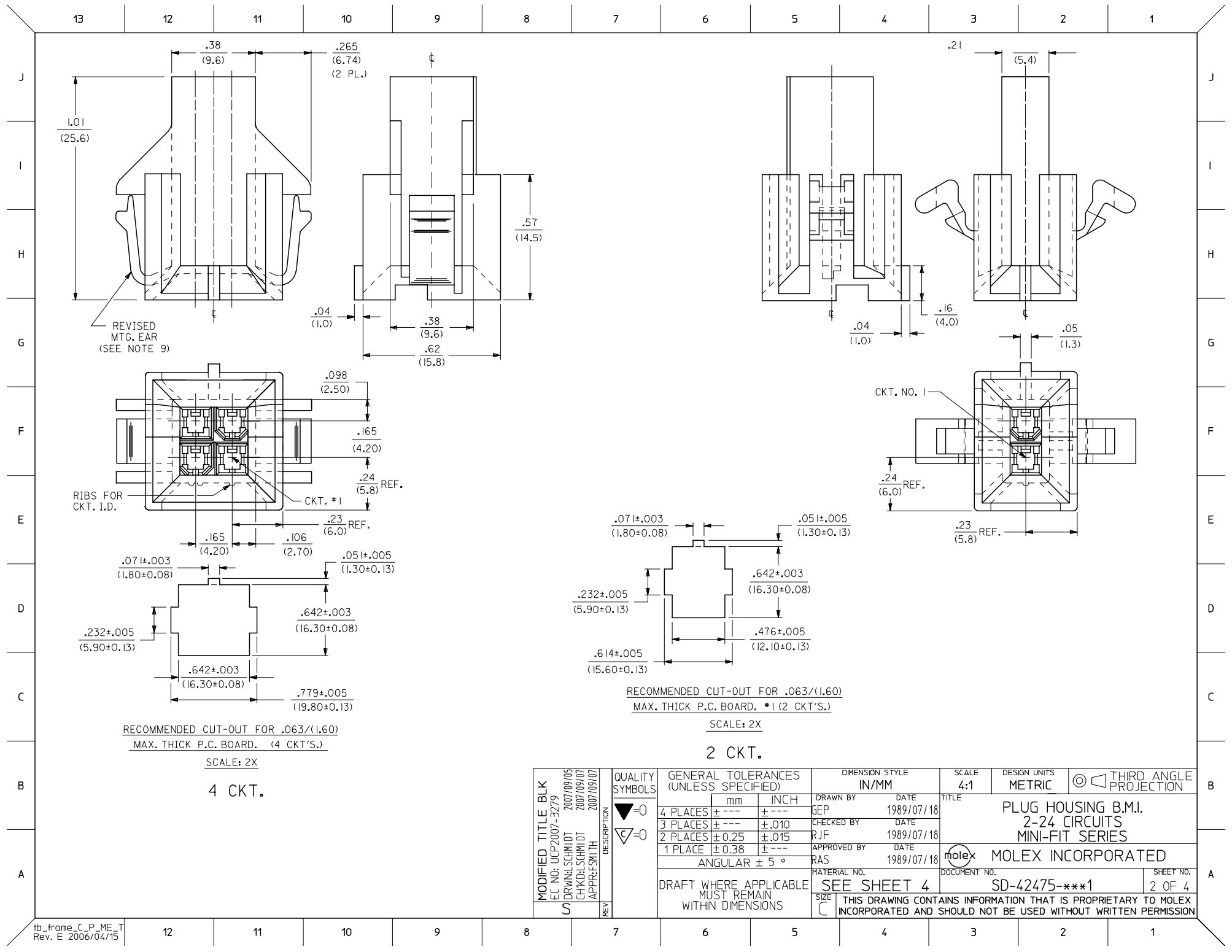
SCALE: 2X

- 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) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-022.

4	S1
3	S
2	S
1	S1
SHEET REV	

SEE SHEET 2 FOR 2 & 4 CKT. PARTS

ADDED 50362323 EC NO: UCP2009-0892 DRWN: JLOSTNER 2008/10/09 CHKD: JELL 2008/10/14 APPR: FSLTH 2008/10/15 S1	DESCRIPTION	REV	QUALITY SYMBOLS ▽=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			
				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°		RAS	1989/07/18		MOLEX INCORPORATED			
				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						



MODIFIED TITLE BLK EC NO: UCP2007-3279 DRAWN: SCHMIDT 2007/09/05 CHKD: SCHMIDT 2007/09/07 APPR: FSM TH 2007/09/07	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY GEP	DATE 1989/07/18	TITLE PLUG HOUSING B.M.I. 2-24 CIRCUITS MINI-FIT SERIES			
			4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1989/07/18				
			3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 1989/07/18				
			2 PLACES	± 0.25	± .015	MATERIAL NO. SD-42475-***1					
			1 PLACE	± 0.38	± ---	DOCUMENT NO.		SHEET NO. 2 OF 4			
			ANGULAR ± 5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			REV								

13		12		11		10		9		8		7		6		5		4		3		2		1											
J	PART NUMBER	ENG. NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		PART NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)		MOUNTING EAR TYPE		42475-**-21, 5558-GS*		42474-**-21, 5556-PBGS*P		94V-0		PHOS. BRZ.	GOLD																
	NOT TOOLED	42475-0211	2	1	2		3	2	N/A	4	B	42475-**-11, 5558-GS*	42474-**-11, 5556-PBGS*P	94V-2																					
15-06-0045	42475-0411	4		42475-0431	4		4	B	42475-**-21, 5558-PBS*	42474-**-21, 5556-PBS*P	94V-0	PHOS. BRZ.	TIN																						
15-06-0065	42475-0611	6		42475-0631	6		4	B	42475-**-11, 5558-PBS*	42474-**-11, 5556-PBS*P	94V-2																								
15-06-0085	42475-0811	8		42475-0831	8		6	B	42475-**-21, 5558-S*	42474-**-21, 5556-S*P	94V-0			BRASS	TIN																				
15-06-0105	42475-1011	10		42475-1031	10		8	A	42475-**-11, 5558-GS*	A-42385-**-D2	94V-0					PHOS. BRZ.	GOLD																		
I	NOT TOOLED	42475-1211	12			12		10	B	42475-**-21, 5558-GS*	A-42385-**-B2	94V-0	BRASS					GOLD																	
	15-06-0145	42475-1411	14		42475-1431	14		12	N/A	42475-**-11, 5558-GS*	A-42385-**-A2	94V-2																							
	NOT TOOLED	42475-1611	16			16		14	B	42475-**-21, 5558-PBS*	A-42385-**-C1	94V-0		PHOS. BRZ.	TIN																				
	H	15-06-0185	42475-1811	18		42475-1831	18		16	N/A	42475-**-11, 5558-PBS*	A-42385-**-C1				94V-2	BRASS		TIN																
15-06-0205		42475-2011	20		42475-2031	20		18	A & B	42475-**-21, 5558-S*	A-42385-**-B1	94V-0																							
NOT TOOLED		42475-2211	22			22		20	A	42475-**-21, 5558-S*	A-42385-**-A1	94V-2																							
15-06-0245		42475-2411	24	1	42475-2431	24	3	22	N/A	PLUG HOUSING/ MALE TERMINAL		MATING CONNECTOR		HSG. MAT'L.	TERM. MAT'L.	PLATING																			
G										24	B	MATING CONNECTOR FEATURES																							
	NOT TOOLED	42475-0221	2	2		2	4	F	42475-0441	4		E	42475-0441	4		D	42475-0441	4		C	42475-0441	4		B	42475-0441	4		A	42475-0441	4					
	15-06-0046	42475-0421	4		42475-0441	4			42475-0441	4			42475-0441	4			42475-0441	4			42475-0441	4			42475-0441	4			42475-0441	4		42475-0441	4		
	15-06-0066	42475-0621	6			6				6				6				6				6				6				6			6		
50-36-2323	42475-0821	8			8				8				8				8				8				8				8			8			
F	15-06-0106	42475-1021	10			42475-1041	10		E	42475-1041	10		D	42475-1041	10		C	42475-1041	10		B	42475-1041	10		A	42475-1041	10								
	NOT TOOLED	42475-1221	12			12		42475-1221		12		42475-1221		12		42475-1221		12		42475-1221		12		42475-1221		12		42475-1221	12		42475-1221	12			
	15-06-0146	42475-1421	14			42475-1441	14			42475-1441	14			42475-1441	14			42475-1441	14			42475-1441	14			42475-1441	14		42475-1441	14		42475-1441	14		
	NOT TOOLED	42475-1621	16			16				16				16				16				16				16			16			16			
E	15-06-0186	42475-1821	18			42475-1841	18		D	42475-1841	18		C	42475-1841	18		B	42475-1841	18		A	42475-1841	18		12	42475-1841	18								
	15-06-0206	42475-2021	20			42475-2041	20			42475-2041	20			42475-2041	20			42475-2041	20			42475-2041	20			42475-2041	20		42475-2041	20		42475-2041	20		
	NOT TOOLED	42475-2221	22				22				22				22				22				22				22			22			22		
	15-06-0246	42475-2421	24	2	42475-2441	24	4			42475-2441	24	4			42475-2441	24		4		42475-2441		24	4			42475-2441	24	4		42475-2441	24	4		42475-2441	24
D	LEGEND: 42475 - ** * 1 BASE NUMBER CIRCUIT SIZE MATERIAL (SEE NOTE 1.)																																		
	ADDED 50362323 EC NO: UCP2009-0892 DRWN:KLOSTENIER 2008/10/09 CHKD:JBELL 2008/10/14 APPR:FSMITH 2008/10/15 REV DESCRIPTION QUALITY SYMBOLS GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE SCALE DESIGN UNITS THIRD ANGLE PROJECTION DRAWN BY DATE CHECKED BY DATE 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																																		