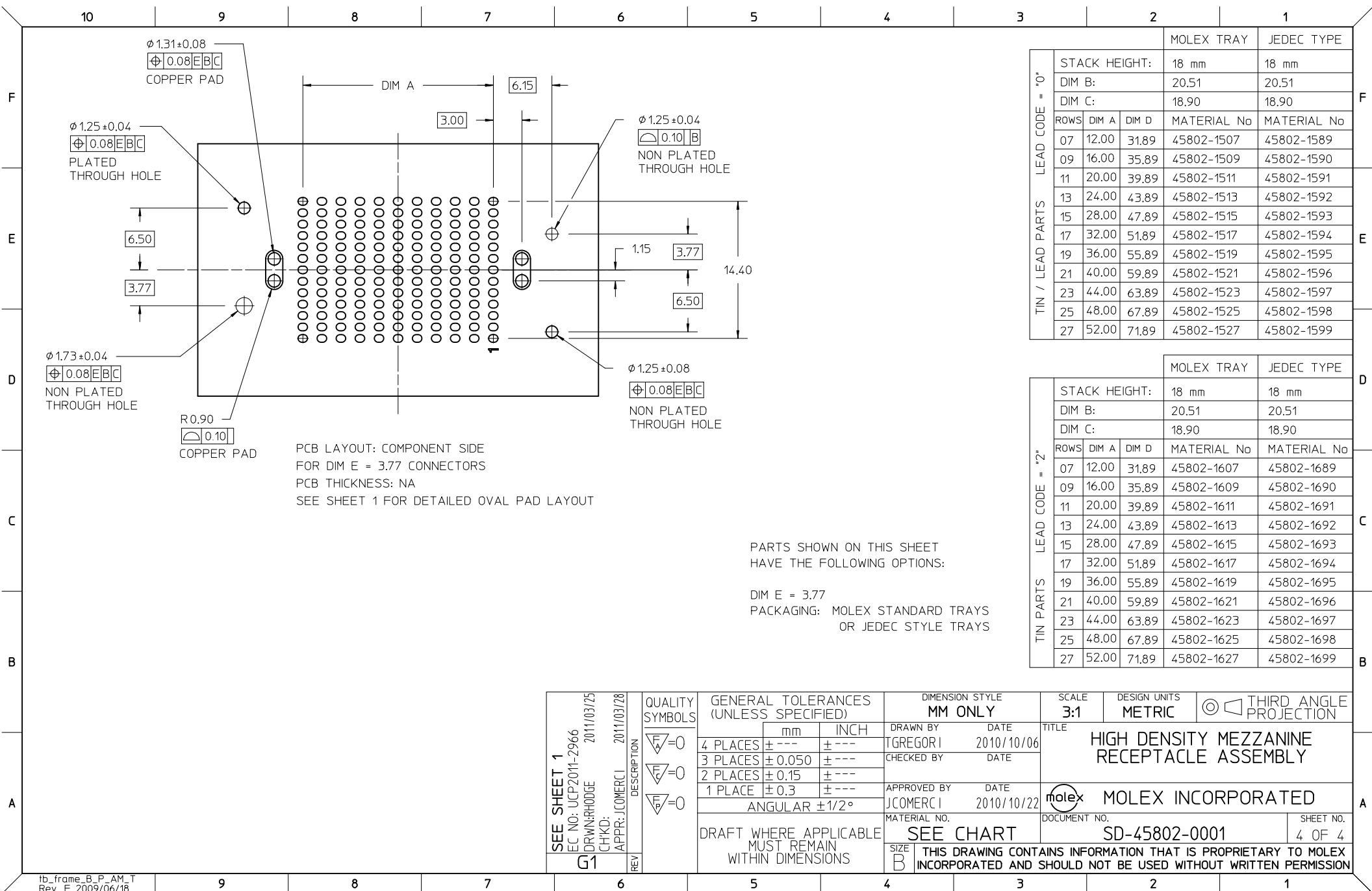


F	TIN / LEAD PARTS	LEAD CODE = "0"	10		9		8		7		6		5		4		3		2		1				
			STACK HEIGHT:		8 mm		9 mm		10 mm		11 mm		12 mm		13 mm		14 mm		15 mm		17 mm		18 mm		
			DIM B:		10.51		11.51		12.51		13.51		14.51		15.51		16.51		17.51		19.51		20.51		
			DIM C:		8.90		9.90		10.90		11.90		12.90		13.90		14.90		15.90		17.90		18.90		
					MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		
			07	12.00	31.89	45802-0089		45802-3089		45802-2089		45802-8089		45802-4089		45802-9089		45802-6089		45802-7089		45802-5089		45802-1089	
			09	16.00	35.89	45802-0090		45802-3090		45802-2090		45802-8090		45802-4090		45802-9090		45802-6090		45802-7090		45802-5090		45802-1090	
			11	20.00	39.89	45802-0091		45802-3091		45802-2091		45802-8091		45802-4091		45802-9091		45802-6091		45802-7091		45802-5091		45802-1091	
			13	24.00	43.89	45802-0092		45802-3092		45802-2092		45802-8092		45802-4092		45802-9092		45802-6092		45802-7092		45802-5092		45802-1092	
			15	28.00	47.89	45802-0093		45802-3093		45802-2093		45802-8093		45802-4093		45802-9093		45802-6093		45802-7093		45802-5093		45802-1093	
			17	32.00	51.89	45802-0094		45802-3094		45802-2094		45802-8094		45802-4094		45802-9094		45802-6094		45802-7094		45802-5094		45802-1094	
			19	36.00	55.89	45802-0095		45802-3095		45802-2095		45802-8095		45802-4095		45802-9095		45802-6095		45802-7095		45802-5095		45802-1095	
			21	40.00	59.89	45802-0096		45802-3096		45802-2096		45802-8096		45802-4096		45802-9096		45802-6096		45802-7096		45802-5096		45802-1096	
			23	44.00	63.89	45802-0097		45802-3097		45802-2097		45802-8097		45802-4097		45802-9097		45802-6097		45802-7097		45802-5097		45802-1097	
25	48.00	67.89	45802-0098		45802-3098		45802-2098		45802-8098		45802-4098		45802-9098		45802-6098		45802-7098		45802-5098		45802-1098				
27	52.00	71.89	45802-0099		45802-3099		45802-2099		45802-8099		45802-4099		45802-9099		45802-6099		45802-7099		45802-5099		45802-1099				
D	TIN PARTS	LEAD CODE = "2"	STACK HEIGHT:		8 mm		9 mm		10 mm		11 mm		12 mm		13 mm		14 mm		15 mm		17 mm		18 mm		
			DIM B:		10.51		11.51		12.51		13.51		14.51		15.51		16.51		17.51		19.51		20.51		
			DIM C:		8.90		9.90		10.90		11.90		12.90		13.90		14.90		15.90		17.90		18.90		
					MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		MATERIAL No		
			07	12.00	31.89	45802-0289		45802-3289		45802-2289		45802-8289		45802-4289		45802-9289		45802-6289		45802-7289		45802-5289		45802-1289	
			09	16.00	35.89	45802-0290		45802-3290		45802-2290		45802-8290		45802-4290		45802-9290		45802-6290		45802-7290		45802-5290		45802-1290	
			11	20.00	39.89	45802-0291		45802-3291		45802-2291		45802-8291		45802-4291		45802-9291		45802-6291		45802-7291		45802-5291		45802-1291	
			13	24.00	43.89	45802-0292		45802-3292		45802-2292		45802-8292		45802-4292		45802-9292		45802-6292		45802-7292		45802-5292		45802-1292	
			15	28.00	47.89	45802-0293		45802-3293		45802-2293		45802-8293		45802-4293		45802-9293		45802-6293		45802-7293		45802-5293		45802-1293	
			17	32.00	51.89	45802-0294		45802-3294		45802-2294		45802-8294		45802-4294		45802-9294		45802-6294		45802-7294		45802-5294		45802-1294	
			19	36.00	55.89	45802-0295		45802-3295		45802-2295		45802-8295		45802-4295		45802-9295		45802-6295		45802-7295		45802-5295		45802-1295	
			21	40.00	59.89	45802-0296		45802-3296		45802-2296		45802-8296		45802-4296		45802-9296		45802-6296		45802-7296		45802-5296		45802-1296	
			23	44.00	63.89	45802-0297		45802-3297		45802-2297		45802-8297		45802-4297		45802-9297		45802-6297		45802-7297		45802-5297		45802-1297	
			25	48.00	67.89	45802-0298		45802-3298		45802-2298		45802-8298		45802-4298		45802-9298		45802-6298		45802-7298		45802-5298		45802-1298	
27	52.00	71.89	45802-0299		45802-3299		45802-2299		45802-8299		45802-4299		45802-9299		45802-6299		45802-7299		45802-5299		45802-1299				
A			SEE SHEET 1 EC NO: UCP2011-2966 2011/03/25 DRWN:RRH00GE CHKD: APPR:JCOMERC I 2011/03/28 DESCRIPTION REV QUALITY SYMBOLS F=0 F=0 F=0 GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES 3 PLACES 2 PLACES 1 PLACE ± --- ± 0.050 ± 0.15 ± 0.3 mm INCH ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION STYLE MM ONLY DRAWN BY DATE TGREGORI 2010/10/06 CHECKED BY DATE APPROVED BY DATE JCOMERC I 2010/10/22 MATERIAL NO. DOCUMENT NO. SD-45802-0001 SHEET NO. 3 OF 4 SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY MOLEX MOLEX INCORPORATED PARTS SHOWN ON THIS SHEET HAVE THE FOLLOWING OPTIONS: DIM E = 6.50 PACKAGING: JEDEC STYLE TRAYS																						



		MOLEX TRAY		JEDEC TYPE
TIN / LEAD PARTS	LEAD CODE = "0"	STACK HEIGHT:		18 mm
		DIM B:		20.51
		DIM C:		18.90
		ROWS	DIM A	DIM D
TIN / LEAD PARTS	LEAD CODE = "0"	07	12.00	31.89
		09	16.00	35.89
		11	20.00	39.89
		13	24.00	43.89
		15	28.00	47.89
		17	32.00	51.89
		19	36.00	55.89
		21	40.00	59.89
		23	44.00	63.89
		25	48.00	67.89
TIN / LEAD PARTS	LEAD CODE = "0"	27	52.00	71.89
		MATERIAL No		45802-1507
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1589
		MATERIAL No		45802-1590
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1591
		MATERIAL No		45802-1592
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1593
		MATERIAL No		45802-1594
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1595
		MATERIAL No		45802-1596
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1597
		MATERIAL No		45802-1598
TIN / LEAD PARTS	LEAD CODE = "0"	MATERIAL No		45802-1599
		MATERIAL No		45802-1599

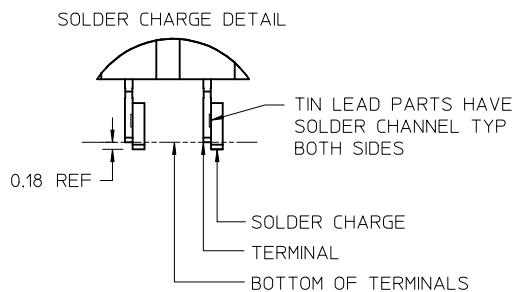
		MOLEX TRAY		JEDEC TYPE
TIN / LEAD PARTS	LEAD CODE = "2"	STACK HEIGHT:		18 mm
		DIM B:		20.51
		DIM C:		18.90
		ROWS	DIM A	DIM D
TIN / LEAD PARTS	LEAD CODE = "2"	07	12.00	31.89
		09	16.00	35.89
		11	20.00	39.89
		13	24.00	43.89
		15	28.00	47.89
		17	32.00	51.89
		19	36.00	55.89
		21	40.00	59.89
		23	44.00	63.89
		25	48.00	67.89
TIN / LEAD PARTS	LEAD CODE = "2"	27	52.00	71.89
		MATERIAL No		45802-1607
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1689
		MATERIAL No		45802-1690
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1691
		MATERIAL No		45802-1692
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1693
		MATERIAL No		45802-1694
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1695
		MATERIAL No		45802-1696
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1697
		MATERIAL No		45802-1698
TIN / LEAD PARTS	LEAD CODE = "2"	MATERIAL No		45802-1699
		MATERIAL No		45802-1699

PCB LAYOUT: COMPONENT SIDE
FOR DIM E = 3.77 CONNECTORS
PCB THICKNESS: NA
SEE SHEET 1 FOR DETAILED OVAL PAD LAYOUT

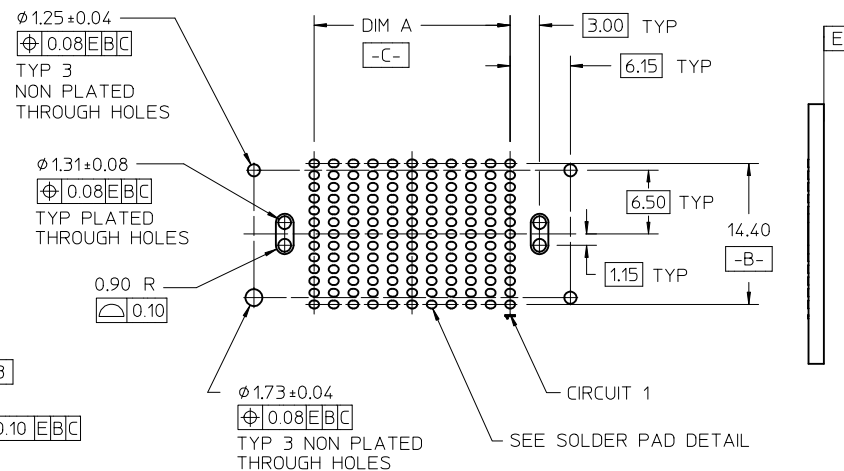
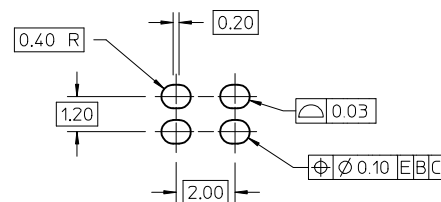
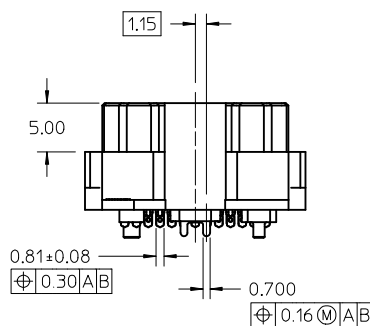
PARTS SHOWN ON THIS SHEET
HAVE THE FOLLOWING OPTIONS:

DIM E = 3.77
PACKAGING: MOLEX STANDARD TRAYS
OR JEDEC STYLE TRAYS

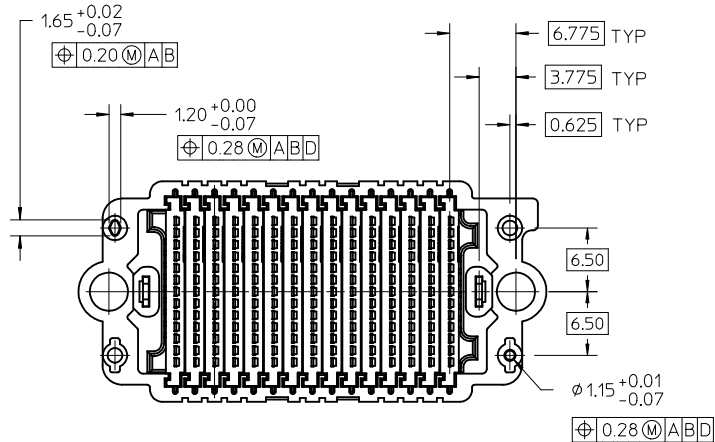
SEE SHEET 1 EC NO: UCP2011-2966 DRAWN: RHODGE CHKD: JCOMERC I APPR: JCOMERC I REV	DESCRIPTION 2011/03/25 2011/03/28	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY TGREGORI		DATE 2010/10/06		TITLE HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY			
			4 PLACES	± ---	± ---	CHECKED BY		DATE					
			3 PLACES	± 0.050	± ---								
			2 PLACES	± 0.15	± ---	APPROVED BY JCOMERC I		DATE 2010/10/22		MOLEX INCORPORATED			
			1 PLACE	± 0.3	± ---	MATERIAL NO.		DOCUMENT NO.					
			ANGULAR ±1/2°			SEE CHART		SD-45802-0001		SHEET NO. 4 OF 4			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



1. HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT MATERIAL: HIGH PERFORMANCE ALLOY
SOLDER NAIL MATERIAL: STAINLESS STEEL
SOLDER CHARGE: SEE CHART
2. FINISH: SELECT GOLD: 30 MI MIN IN CONTACT AREA
SELECT TIN: 100 MI MIN IN TAIL AREA
BOTH OVER NICKEL
3. PRODUCT SPECIFICATION: PS-45802-001
4. PACKAGING SPECIFICATION: PK-45802-001
5. DATUM -D- IS THE CENTERLINE OF THE 2 END SLOTS. END
SLOT CENTERLINES ARE ESTABLISHED USING 2 MEASUREMENTS
FOR EACH SLOT TAKEN 7.20 EITHER SIDE OF DATUM -B-
6. THERE ARE 13 CIRCUITS PER ROW.



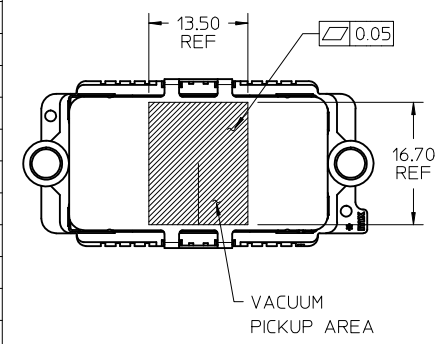
PCB LAYOUT: COMPONENT SIDE
PCB THICKNESS: N/A



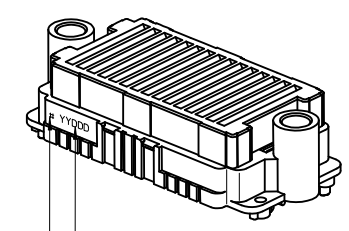
SOLDER PAD DETAIL
TYP ALL PADS

ADD SOLDER CHANNEL EC NO: UCP2011-2966 DRAWNRH006 2011/03/25 CHK'D: JCOMERC I APPR: JCOMERC I 2011/03/28 DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY TGREGOR I	DATE 2010/10/06	TITLE HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY WITH SHORT SOLDER NAILS			
	4 PLACES	± ---	± ---	CHECKED BY	DATE				
	3 PLACES	± 0.05	± ---						
	2 PLACES	± 0.15	± ---	APPROVED BY JCOMERC I	DATE 2010/10/22	MOLEX MOLEX INCORPORATED			
	1 PLACE	± 0.30	± ---	ANGULAR ±1/2°					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45802-0002		SHEET NO. 1 OF 3	
B1	REV	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10			9		8		7		6		5		4		3								
F	STACK HEIGHT:		8 mm		9 mm		10 mm		11 mm		12 mm		13 mm		14 mm		15 mm		17 mm		18 mm		
	DIM B:		10.51		11.51		12.51		13.51		14.51		15.51		16.51		17.51		19.51		20.51		
	DIM C:		8.90		9.90		10.90		11.90		12.90		13.90		14.90		15.90		17.90		18.90		
	ROWS	DIM A	DIM G	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	
E	07	12.00	31.89	45802-0707	45802-3707	45802-2707	45802-8707	45802-4707	45802-9707	45802-6707	45802-7707	45802-5707	45802-1707										
	09	16.00	35.89	45802-0709	45802-3709	45802-2709	45802-8709	45802-4709	45802-9709	45802-6709	45802-7709	45802-5709	45802-1709										
	11	20.00	39.89	45802-0711	45802-3711	45802-2711	45802-8711	45802-4711	45802-9711	45802-6711	45802-7711	45802-5711	45802-1711										
	13	24.00	43.89	45802-0713	45802-3713	45802-2713	45802-8713	45802-4713	45802-9713	45802-6713	45802-7713	45802-5713	45802-1713										
	15	28.00	47.89	45802-0715	45802-3715	45802-2715	45802-8715	45802-4715	45802-9715	45802-6715	45802-7715	45802-5715	45802-1715										
	17	32.00	51.89	45802-0717	45802-3717	45802-2717	45802-8717	45802-4717	45802-9717	45802-6717	45802-7717	45802-5717	45802-1717										
	19	36.00	55.89	45802-0719	45802-3719	45802-2719	45802-8719	45802-4719	45802-9719	45802-6719	45802-7719	45802-5719	45802-1719										
	21	40.00	59.89	45802-0721	45802-3721	45802-2721	45802-8721	45802-4721	45802-9721	45802-6721	45802-7721	45802-5721	45802-1721										
	23	44.00	63.89	45802-0723	45802-3723	45802-2723	45802-8723	45802-4723	45802-9723	45802-6723	45802-7723	45802-5723	45802-1723										
	25	48.00	67.89	45802-0725	45802-3725	45802-2725	45802-8725	45802-4725	45802-9725	45802-6725	45802-7725	45802-5725	45802-1725										
	27	52.00	71.89	45802-0727	45802-3727	45802-2727	45802-8727	45802-4727	45802-9727	45802-6727	45802-7727	45802-5727	45802-1727										



D	TIN PARTS			LEAD CODE = "2"		STACK HEIGHT:		8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm	17 mm	18 mm	
						DIM B:		10.51	11.51	12.51	13.51	14.51	15.51	16.51	17.51	19.51	20.51	
						DIM C:		8.90	9.90	10.90	11.90	12.90	13.90	14.90	15.90	17.90	18.90	
C	TIN PARTS			LEAD CODE = "2"		ROWS	DIM A	DIM G	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No
						07	12.00	31.89	45802-0807	45802-3807	45802-2807	45802-8807	45802-4807	45802-9807	45802-6807	45802-7807	45802-5807	45802-1807
						09	16.00	35.89	45802-0809	45802-3809	45802-2809	45802-8809	45802-4809	45802-9809	45802-6809	45802-7809	45802-5809	45802-1809
						11	20.00	39.89	45802-0811	45802-3811	45802-2811	45802-8811	45802-4811	45802-9811	45802-6811	45802-7811	45802-5811	45802-1811
						13	24.00	43.89	45802-0813	45802-3813	45802-2813	45802-8813	45802-4813	45802-9813	45802-6813	45802-7813	45802-5813	45802-1813
						15	28.00	47.89	45802-0815	45802-3815	45802-2815	45802-8815	45802-4815	45802-9815	45802-6815	45802-7815	45802-5815	45802-1815
						17	32.00	51.89	45802-0817	45802-3817	45802-2817	45802-8817	45802-4817	45802-9817	45802-6817	45802-7817	45802-5817	45802-1817
						19	36.00	55.89	45802-0819	45802-3819	45802-2819	45802-8819	45802-4819	45802-9819	45802-6819	45802-7819	45802-5819	45802-1819
						21	40.00	59.89	45802-0821	45802-3821	45802-2821	45802-8821	45802-4821	45802-9821	45802-6821	45802-7821	45802-5821	45802-1821
						23	44.00	63.89	45802-0823	45802-3823	45802-2823	45802-8823	45802-4823	45802-9823	45802-6823	45802-7823	45802-5823	45802-1823
B	TIN PARTS			LEAD CODE = "2"		25	48.00	67.89	45802-0825	45802-3825	45802-2825	45802-8825	45802-4825	45802-9825	45802-6825	45802-7825	45802-5825	45802-1825
						27	52.00	71.89	45802-0827	45802-3827	45802-2827	45802-8827	45802-4827	45802-9827	45802-6827	45802-7827	45802-5827	45802-1827



ALL PARTS ON THIS SHEET
HAVE THE FOLLOWING OPTIONS

PACKAGING: MOLEX STANDARD TRAY

NOTE:
1. SOLDER CHARGE COMPOSITION
TIN/LEAD: Sn 63/Pb 37
TIN: Sn 95.5/ Ag 3.8/ Cu 0.7

SEE SHEET 1
EC NO: UCP2011-2966
DRAWN BY: JCOMERC I
CHKD: JCOMERC I
APPR: JCOMERC I
2011/03/28
DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.30	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
TGREGORI 2010/10/06

CHECKED BY DATE

APPROVED BY DATE
JCOMERC I 2010/10/22

MATERIAL NO.

SEE CHART

SIZE B

SCALE
1.5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
HIGH DENSITY MEZZANINE
RECEPTACLE ASSEMBLY
WITH SHORT SOLDER NAILS

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SD-45802-0002

SHEET NO.
2 OF 3

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

10			9			8			7			6			5			4			3			2			1		
F 																													