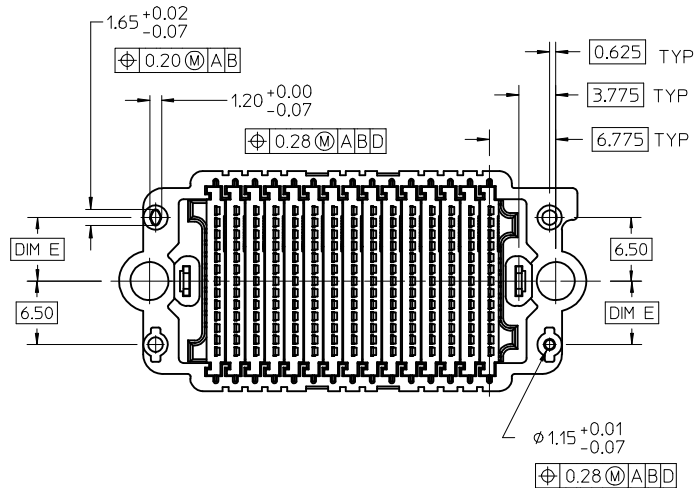
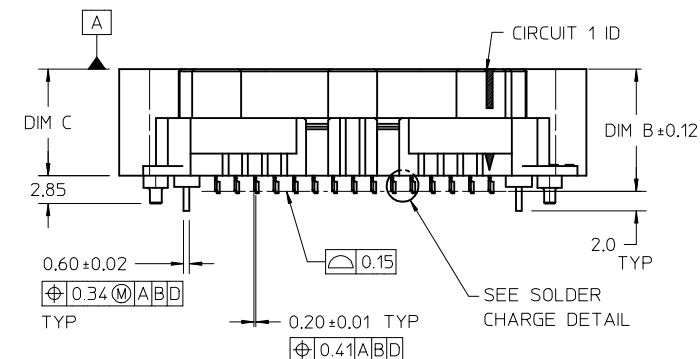
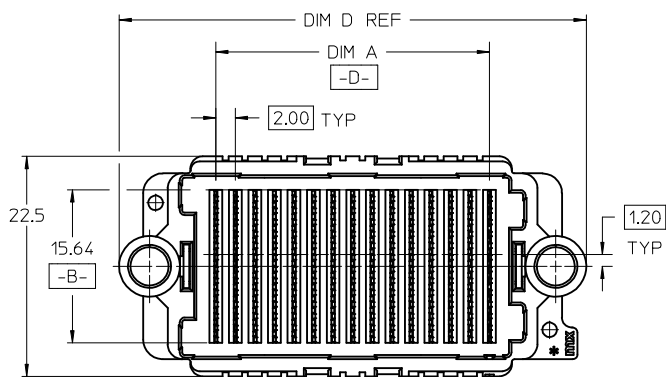
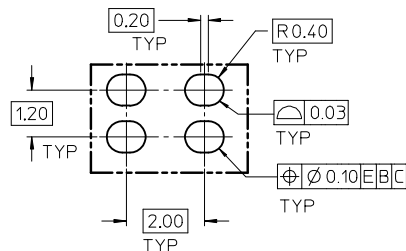
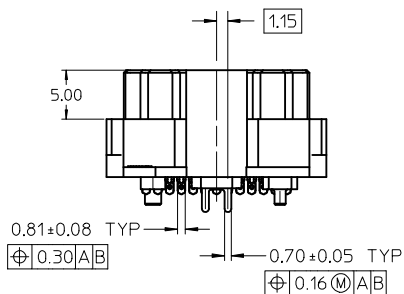
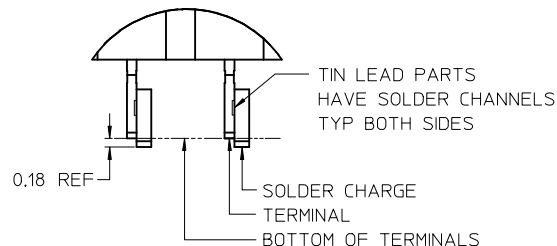




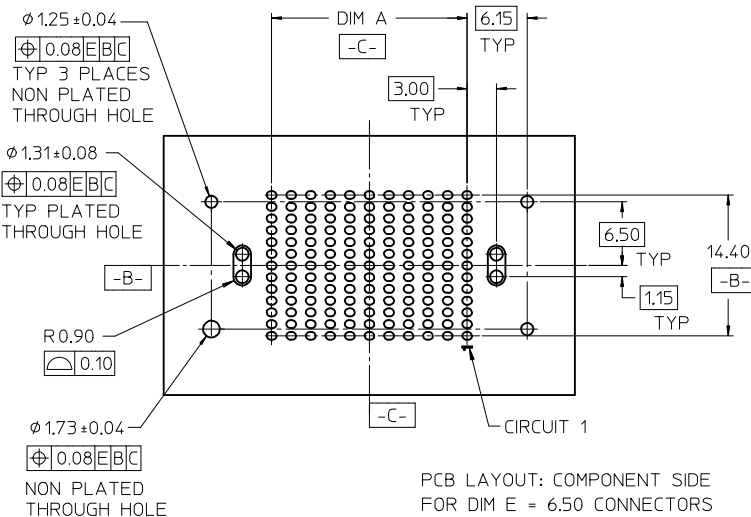
SOLDER CHARGE DETAIL



SOLDER PAD DETAIL

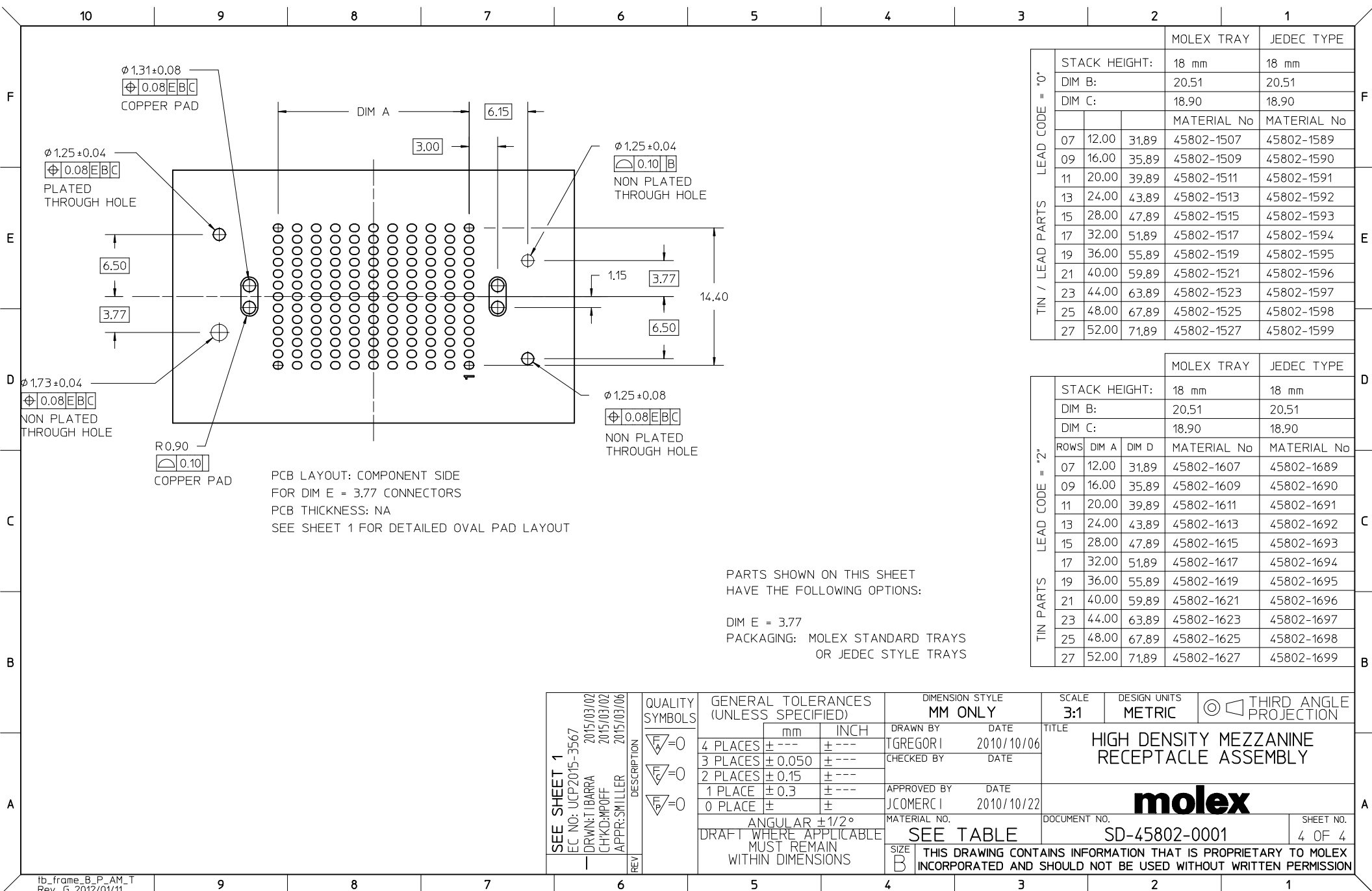
NOTES:

- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT MATERIAL: HIGH PERFORMANCE ALLOY
SOLDER NAIL MATL: STAINLESS STEEL
SOLDER CHARGE MATL: SEE TABLE
- FINISH: SELECT GOLD 30 MICRO-INCHES MINIMUM IN CONTACT AREA
SELECT TIN: 100 MICRO-INCHES MINIMUM IN PCB TAIL
BOTH OVER NICKEL
- PRODUCT SPEC: PS-45802-001
- COSMETIC SPEC: PS-45499-002 CLASS B
- PACKAGING SPEC: PK-45802-001 MOLEX STANDARD TRAYS
PK-45802-0002 JEDEC STYLE TRAYS
- 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-.
- THERE ARE 13 CKTS PER ROW



PCB LAYOUT: COMPONENT SIDE
FOR DIM E = 6.50 CONNECTORS
PCB THICKNESS: NA

UPDATE NOTE 5				DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
EC NO: UCP2015-3567							MM ONLY		2:1	METRIC			
DRWN: TIBARRA							DRAWN BY	DATE	HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY				
CHKD: MPOFF							CHECKED BY	DATE					
APPR: SMILLER							APPROVED BY	DATE					
				JCOMERC I	2010/10/22	molex							
				MATERIAL NO.							DOCUMENT NO.		
				SEE TABLE		SD-45802-0001					SHEET NO.		
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



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

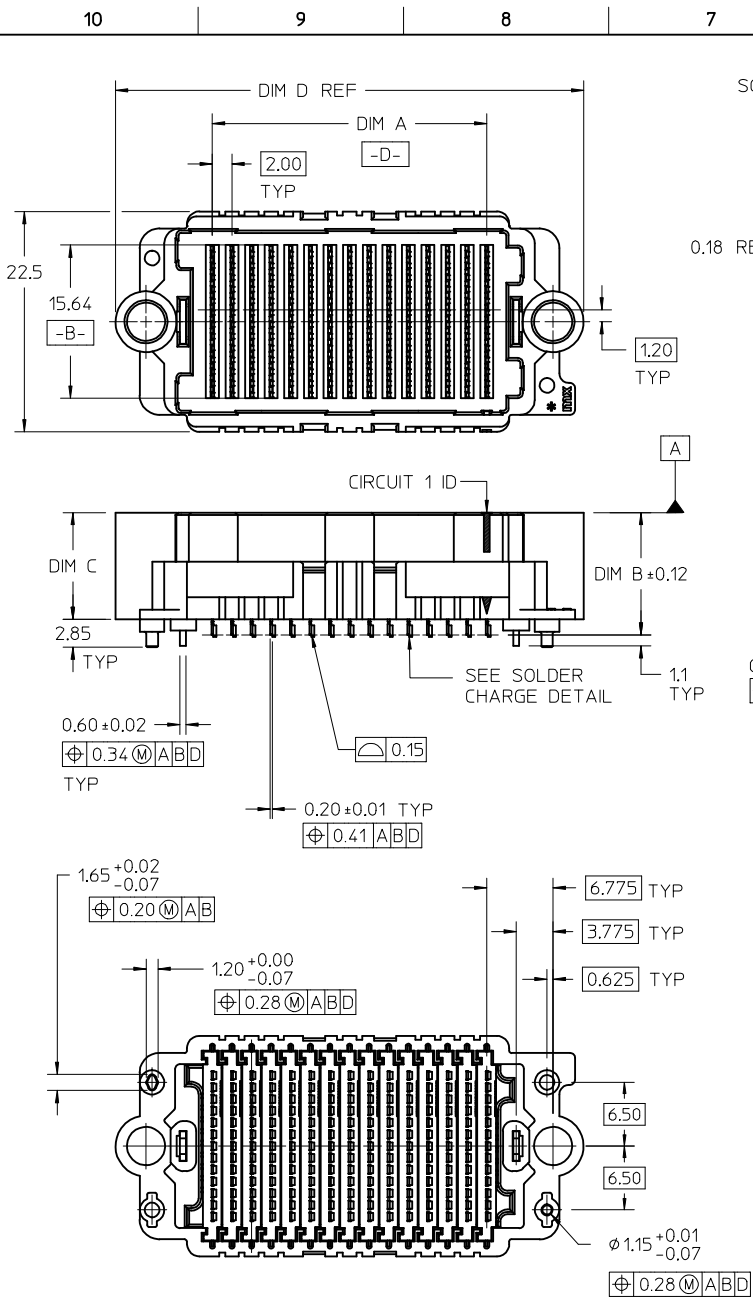
PARTS SHOWN ON THIS SHEET
HAVE THE FOLLOWING OPTIONS:

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

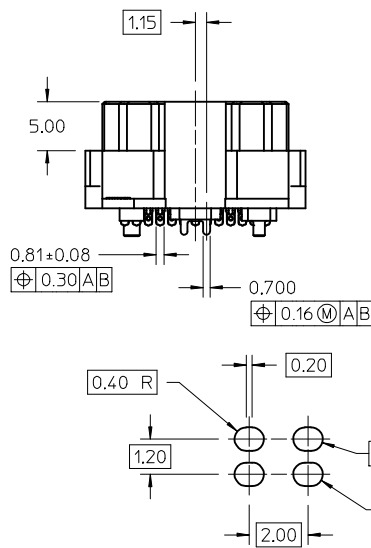
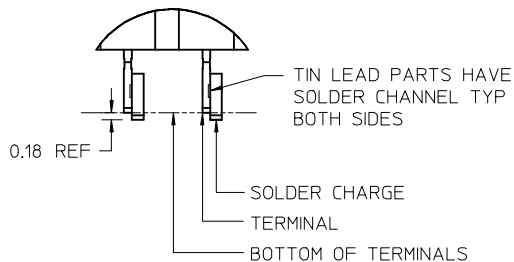
				MOLEX TRAY	JEDEC TYPE
TIN / LEAD PARTS	LEAD CODE = "0"				
	STACK HEIGHT:			18 mm	18 mm
	DIM B:			20.51	20.51
	DIM C:			18.90	18.90
				MATERIAL No	MATERIAL No
	07	12.00	31.89	45802-1507	45802-1589
	09	16.00	35.89	45802-1509	45802-1590
	11	20.00	39.89	45802-1511	45802-1591
	13	24.00	43.89	45802-1513	45802-1592
	15	28.00	47.89	45802-1515	45802-1593
	17	32.00	51.89	45802-1517	45802-1594
	19	36.00	55.89	45802-1519	45802-1595
21	40.00	59.89	45802-1521	45802-1596	
23	44.00	63.89	45802-1523	45802-1597	
25	48.00	67.89	45802-1525	45802-1598	
27	52.00	71.89	45802-1527	45802-1599	

			MOLEX TRAY	JEDEC TYPE	
TIN PARTS	STACK HEIGHT:		18 mm	18 mm	
	DIM B:		20.51	20.51	
	DIM C:		18.90	18.90	
	ROWS	DIM A	DIM D	MATERIAL No	MATERIAL No
	07	12.00	31.89	45802-1607	45802-1689
	09	16.00	35.89	45802-1609	45802-1690
	11	20.00	39.89	45802-1611	45802-1691
	13	24.00	43.89	45802-1613	45802-1692
	15	28.00	47.89	45802-1615	45802-1693
	17	32.00	51.89	45802-1617	45802-1694
LEAD CODE = "2"					
19	36.00	55.89	45802-1619	45802-1695	
21	40.00	59.89	45802-1621	45802-1696	
23	44.00	63.89	45802-1623	45802-1697	
25	48.00	67.89	45802-1625	45802-1698	
27	52.00	71.89	45802-1627	45802-1699	

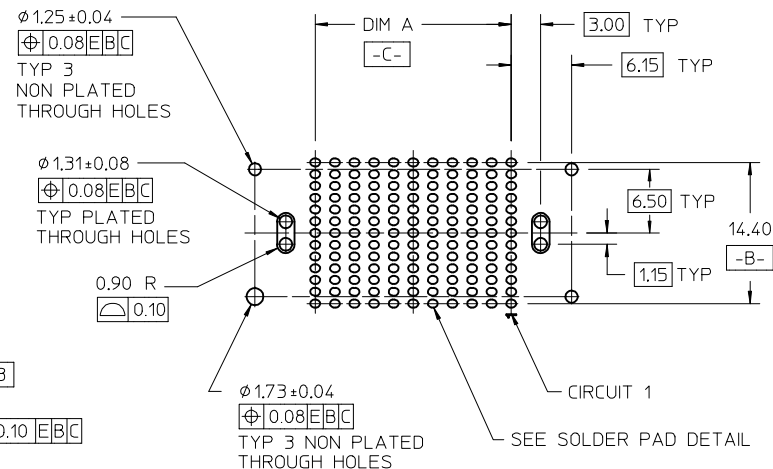
SEE SHEET 1 EC NO: UCP2015-3567 DRWN: TIBARRA 2015/03/02 CHKD: MPOFF 2015/03/02 APPR: SMILLER 2015/03/06	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES ± --- ± --- 3 PLACES ± 0.050 ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY TGREGORI		DATE 2010/10/06		TITLE HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY			
					CHECKED BY		DATE					
					APPROVED BY JCOMERCI		DATE 2010/10/22		molex			
					MATERIAL NO.		DOCUMENT NO.					
					SEE TABLE				SD-45802-0001			
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
									SHEET NO. 4 OF 4			



SOLDER CHARGE DETAIL



SOLDER PAD DETAIL
TYP ALL PADS



PCB LAYOUT: COMPONENT SIDE
PCB THICKNESS: N/A

NOTES:

- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT MATERIAL: HIGH PERFORMANCE ALLOY
SOLDER NAIL MATERIAL: STAINLESS STEEL
SOLDER CHARGE: SEE TABLE
- FINISH: SELECT GOLD: 30 MICRO-INCHES MINIMUM IN CONTACT AREA
SELECT TIN: 100 MICRO-INCHES MINIMUM IN TAIL AREA
BOTH OVER NICKEL
- PRODUCT SPECIFICATION: PS-45802-001
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PACKAGING SPECIFICATION: PK-45802-001 MOLEX STANDARD TRAYS
PK-45802-0002 JEDEC STYLE TRAYS
- 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-.
- THERE ARE 13 CIRCUITS PER ROW.

UPDATE NOTE 5 EC NO: UCP2015-3567 DWN:TIBARRA 2015/03/02 CHKD:MP0FF 2015/03/02 APPR:SMILLER 2015/03/06		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
D	REV		$\nabla/0$		mm	INCH	DRAWN BY TREGORI	DATE 2010/10/06	TITLE HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY WITH SHORT SOLDER NAILS molex	
			$\nabla/0$	4 PLACES	± ---	± ---	CHECKED BY	DATE		
			$\nabla/0$	3 PLACES	± 0.05	± ---	APPROVED BY	DATE		
			$\nabla/0$	2 PLACES	± 0.15	± ---	JCOMERCI	2010/10/22		
				1 PLACE	± 0.30	± ---				
				0 PLACE	±	±				
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-45802-0002	1 OF 3	
						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			2			1					
F E	TIN / LEAD PARTS	LEAD CODE = "0"	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	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No			
			07	12.00	31.89	45802-0789	45802-3789	45802-2789	45802-8789	45802-4789	45802-9789	45802-6789	45802-7789	45802-5789	45802-1789																				
			09	16.00	35.89	45802-0790	45802-3790	45802-2790	45802-8790	45802-4790	45802-9790	45802-6790	45802-7790	45802-5790	45802-1790																				
			11	20.00	39.89	45802-0791	45802-3791	45802-2791	45802-8791	45802-4791	45802-9791	45802-6791	45802-7791	45802-5791	45802-1791																				
			13	24.00	43.89	45802-0792	45802-3792	45802-2792	45802-8792	45802-4792	45802-9792	45802-6792	45802-7792	45802-5792	45802-1792																				
			15	28.00	47.89	45802-0793	45802-3793	45802-2793	45802-8793	45802-4793	45802-9793	45802-6793	45802-7793	45802-5793	45802-1793																				
17	32.00	51.89	45802-0794	45802-3794	45802-2794	45802-8794	45802-4794	45802-9794	45802-6794	45802-7794	45802-5794	45802-1794																							
19	36.00	55.89	45802-0795	45802-3795	45802-2795	45802-8795	45802-4795	45802-9795	45802-6795	45802-7795	45802-5795	45802-1795																							
21	40.00	59.89	45802-0796	45802-3796	45802-2796	45802-8796	45802-4796	45802-9796	45802-6796	45802-7796	45802-5796	45802-1796																							
23	44.00	63.89	45802-0797	45802-3797	45802-2797	45802-8797	45802-4797	45802-9797	45802-6797	45802-7797	45802-5797	45802-1797																							
25	48.00	67.89	45802-0798	45802-3798	45802-2798	45802-8798	45802-4798	45802-9798	45802-6798	45802-7798	45802-5798	45802-1798																							
27	52.00	71.89	45802-0799	45802-3799	45802-2799	45802-8799	45802-4799	45802-9799	45802-6799	45802-7799	45802-5799	45802-1799																							
D C B	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		
			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	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No	MATERIAL No			
			07	12.00	31.89	45802-0889	45802-3889	45802-2889	45802-8889	45802-4889	45802-9889	45802-6889	45802-7889	45802-5889	45802-1889																				
			09	16.00	35.89	45802-0890	45802-3890	45802-2890	45802-8890	45802-4890	45802-9890	45802-6890	45802-7890	45802-5890	45802-1890																				
			11	20.00	39.89	45802-0891	45802-3891	45802-2891	45802-8891	45802-4891	45802-9891	45802-6891	45802-7891	45802-5891	45802-1891																				
			13	24.00	43.89	45802-0892	45802-3892	45802-2892	45802-8892	45802-4892	45802-9892	45802-6892	45802-7892	45802-5892	45802-1892																				
			15	28.00	47.89	45802-0893	45802-3893	45802-2893	45802-8893	45802-4893	45802-9893	45802-6893	45802-7893	45802-5893	45802-1893																				
17	32.00	51.89	45802-0894	45802-3894	45802-2894	45802-8894	45802-4894	45802-9894	45802-6894	45802-7894	45802-5894	45802-1894																							
19	36.00	55.89	45802-0895	45802-3895	45802-2895	45802-8895	45802-4895	45802-9895	45802-6895	45802-7895	45802-5895	45802-1895																							
21	40.00	59.89	45802-0896	45802-3896	45802-2896	45802-8896	45802-4896	45802-9896	45802-6896	45802-7896	45802-5896	45802-1896																							
23	44.00	63.89	45802-0897	45802-3897	45802-2897	45802-8897	45802-4897	45802-9897	45802-6897	45802-7897	45802-5897	45802-1897																							
25	48.00	67.89	45802-0898	45802-3898	45802-2898	45802-8898	45802-4898	45802-9898	45802-6898	45802-7898	45802-5898	45802-1898																							
27	52.00	71.89	45802-0899	45802-3899	45802-2899	45802-8899	45802-4899	45802-9899	45802-6899	45802-7899	45802-5899	45802-1899																							
A																QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		HIGH DENSITY MEZZANINE RECEPTACLE ASSEMBLY WITH SHORT SOLDER NAILS						
	SEE SHEET 1 EC NO: UCP2015-3567 DRAWN: TIBARRA 2015/03/02 CHKD: MPOFF 2015/03/02 APPR: SMILLER 2015/03/06		DESCRIPTION REV		F _A =0		F _C =0		F _P =0		mm		INCH		DRAWN BY TGREGOR I		DATE 2010/10/06		TITLE																
					4 PLACES ± ---		± ---		± ---		CHECKED BY		DATE		APPROVED BY		DATE		JCOMERC I		2010/10/22														
					3 PLACES ± 0.05		± ---		± ---		1 PLACE ± 0.30		± ---		0 PLACE ±		±		MATERIAL NO.		DOCUMENT NO.		SHEET NO.												
															ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-45802-0002 3 OF 3											
tb_frame_B_P_AM_T Rev. G 2012/01/11			9			8			7			6			5			4			3			2			1								