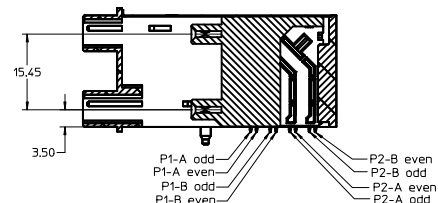
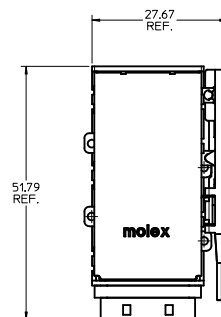
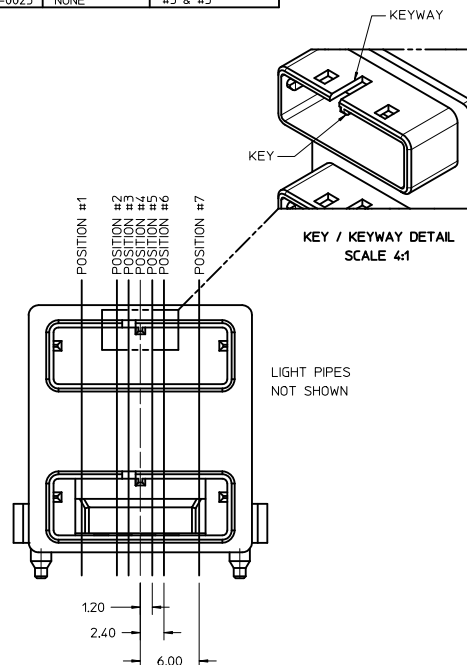
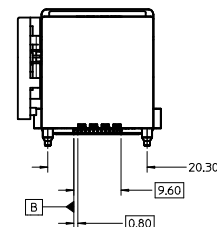
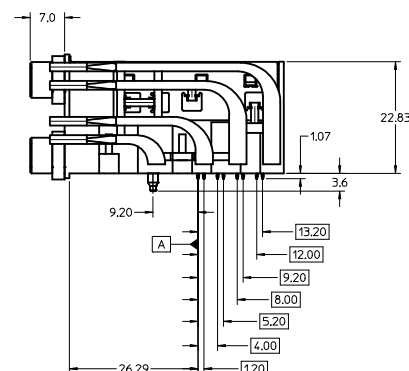
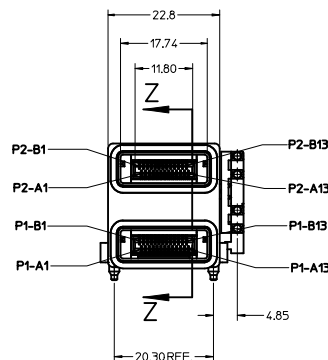
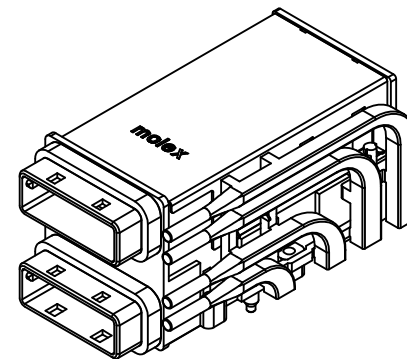


KEY/KEYWAY OPTIONS			
PART NUMBER		KEY POSITION	KEYWAY POSITION
TIN/LEAD	LEAD-FREE		
75758-0001	75758-0021	NONE	NONE
75758-0002	75758-0022	#3	NONE
75758-0003	75758-0023	#4	NONE
75758-0004	75758-0024	#4	#3 & #5
75758-0005	75758-0025	NONE	#3 & #5



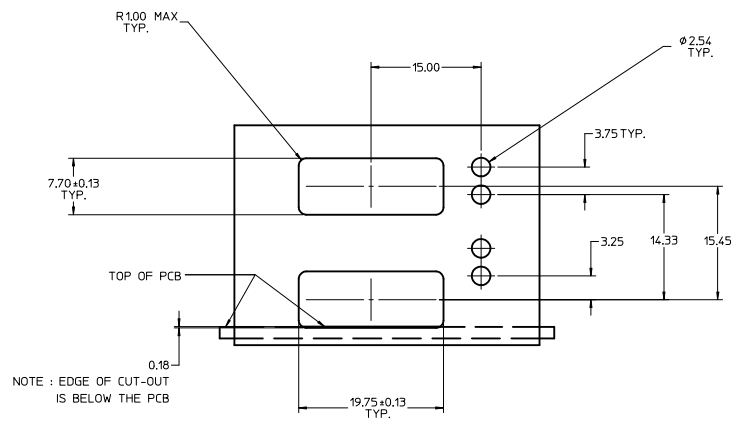
SECTION Z-Z



NOTES :

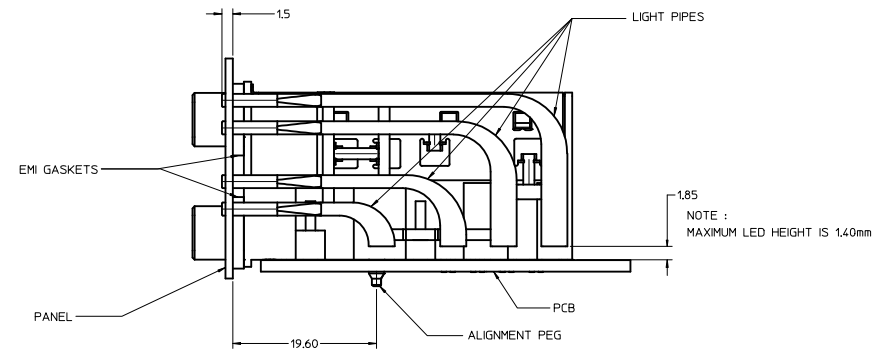
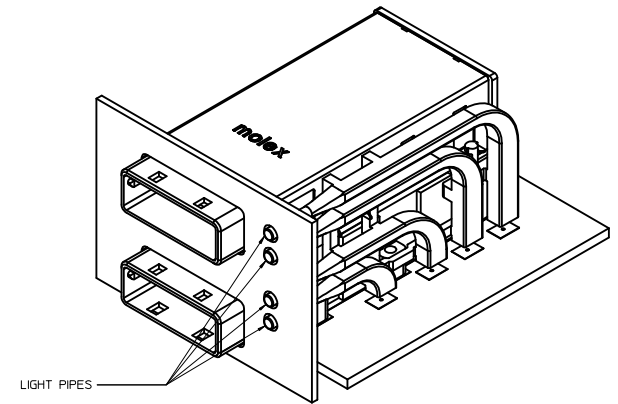
- MATERIALS :
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC,
GLASS-FILLED, UL94V-0,
COLOR - BLACK
EMI HOUSING - DIE CAST ALLOY, NICKEL PLATED FINISH
COVER - STAINLESS STEEL ALLOY
CPI TERMINALS - COPPER ALLOY
EMI GASKETS - CONDUCTIVE POLYMER
LIGHT PIPE - CLEAR THERMOPLASTIC, UL94V-0
- TERMINAL PLATING :
CONTACT AREA - 0.76μ MIN GOLD OVER 2.54μ MIN NICKEL,
COMPLIANT AREA - 0.76-1.52μ TIN/LEAD (90/10) OVER
2.54μ MIN NICKEL.
- PACKAGING SPECIFICATION : TRAY PACK IN BOX.
- REFER TO PS-75586-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL
AND ENVIRONMENTAL SPECIFICATIONS.
- THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES 74548.
- REQUIRES MOUNTING HARDWARE : (4) M2 X 8MM CAP SCREWS OR EQUIV.
MAX. TORQUE 2.3 in/lbs.

ADD LEAD-FREE #s EC NO: UCP2012-1063 DRAWN: SROGIEL CHKD: APPR: MBANKIS	2011/10/13 2011/10/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES			
						MM ONLY		2:1	METRIC					
						DRAWN BY	DATE	MATERIAL NO.				DOCUMENT NO.	SHEET NO.	
						J.IANTELEZ	10 02/05/2008	75758-000*				SD-75758-001		1 OF 3
						CHECKED BY	DATE							
						KLANG	02/05/2008							
						APPROVED BY	DATE							
						BANKAKI S	02/05/2008							
		ANGULAR ±1/2°												
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												



PANEL CUT-OUT

MAXIMUM THICKNESS = 1.50
(NOT SUPPLIED)



ASSEMBLY VIEW

SEE SHEET 1 IEC NO: UCP2012-1063 DRAWN: SBOGIEL 2011/10/13 CHKD: APPR: MBANAKIS 2011/10/20 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$			MM ONLY	3:1	METRIC	
	$\nabla=0$	4 PLACES $\pm$ ---	$\pm$ ---	mm	DATE	J JANTELEZ10 02/05/2008	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES MOLEX INCORPORATED
	$\nabla=0$	3 PLACES $\pm$ ---	$\pm$ ---	INCH	DATE	KLANG 02/05/2008	
		2 PLACES $\pm$ 0.25	$\pm$ ---		DATE	BANAKIS 02/05/2008	MATERIAL NO. 75758-000*
		1 PLACE $\pm$ 0.25	$\pm$ ---		DATE		DOCUMENT NO. SD-75758-001
		ANGULAR $\pm$ 1/2°					SHEET NO. 2 OF 3
		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

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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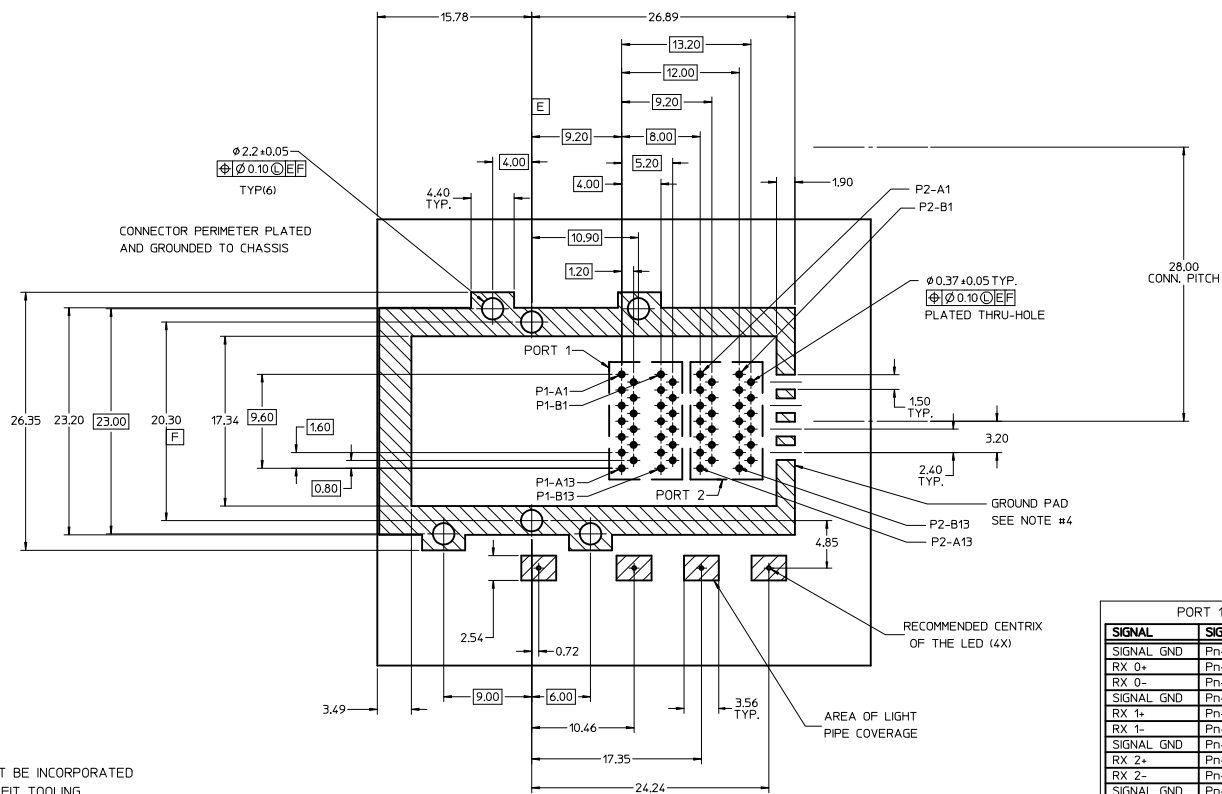
E

D

C

B

A



PORT 1		PORT 2	
SIGNAL	SIGNAL PIN	SIGNAL	SIGNAL PIN
SIGNAL GND	Pn-A1	SIGNAL GND	Pn-B1
RX 0+	Pn-A2	TX 0+	Pn-B2
RX 0-	Pn-A3	TX 0-	Pn-B3
SIGNAL GND	Pn-A4	SIGNAL GND	Pn-B4
RX 1+	Pn-A5	TX 1+	Pn-B5
RX 1-	Pn-A6	TX 1-	Pn-B6
SIGNAL GND	Pn-A7	SIGNAL GND	Pn-B7
RX 2+	Pn-A8	TX 2+	Pn-B8
RX 2-	Pn-A9	TX 2-	Pn-B9
SIGNAL GND	Pn-A10	SIGNAL GND	Pn-B10
RX 3+	Pn-A11	TX 3+	Pn-B11
RX 3-	Pn-A12	TX 3-	Pn-B12
SIGNAL GND	Pn-A13	SIGNAL GND	Pn-B13

PIN ASSIGNMENT

NOTES:

- CROSS-HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.
- RECOMMENDED LED'S INCLUDE THE FOLLOWING :
DIALIGHT : 597-77x1-5xx SERIES
CHICAGO MINIATURE : 7016 SERIES
KINGBRIGHT : APBL3025 SERIES (BICOLOR)
APL3015 SERIES (SINGLE COLOR)
- LED'S MUST HAVE A MAXIMUM HEIGHT OF 1.4mm AND A MINIMUM HEIGHT OF 0.7mm
- PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
- RECOMMENDED DRILL SIZE FOR 0.37 ϕ FINISHED PTH IS 0.457 ϕ (#77 DRILL)
- RECOMMENDED ANNULAR RING AROUND 0.37 ϕ FINISHED PTH IS 0.73 ϕ

RECOMMENDED PCB LAYOUT

THICKNESS = 1.35mm MIN.

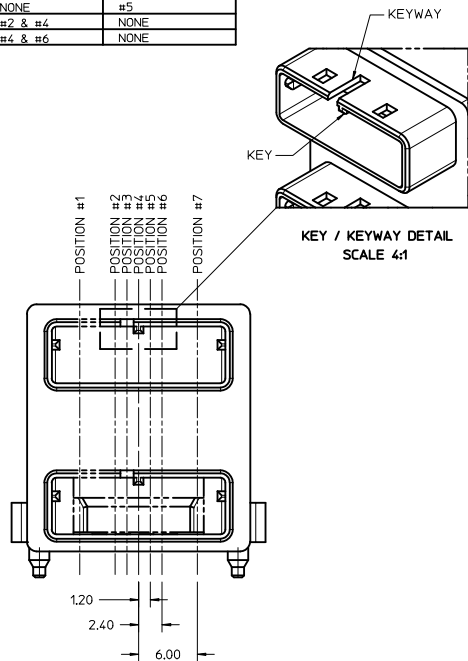
SEE SHEET 1 EC NO: UCP2012-1063 DRAWN BY: DRWNSB001EL CHKD: CHKD: APPR: BANAKIS DATE: 2011/10/13 2011/10/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0 ▽=0		mm	INCH	DRAWN BY JJANTELEZ10	DATE 02/05/2008	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES	MOLEX MOLEX INCORPORATED
		4 PLACES ±	±	---	CHECKED BY KLANG	DATE 02/05/2008		
		3 PLACES ±	±	---	APPROVED BY BANAKIS	DATE 02/05/2008		
		1 PLACE ±	±	0.25				
		ANGULAR ±1/2°		MATERIAL NO. 75758-000*		DOCUMENT NO. SD-75758-001		SHEET NO. 3 OF 3
		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				

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

KEYING & PLATING OPTIONS

TIN/LEAD PART NUMBER	LEAD FREE PART NUMBER	KEY POSITION	KEYWAY POSITION
75758-0101	75758-0201	NONE	NONE
75758-0102	75758-0202	#3	NONE
75758-0103	75758-0203	#4	NONE
75758-0104	75758-0204	#4	#3 & #5
75758-0105	75758-0205	NONE	#3 & #5
75758-0106	75758-0206	#4	#3
75758-0107	75758-0207	NONE	#3
75758-0108	75758-0208	#4	#5
75758-0109	75758-0209	NONE	#5
75758-0110	75758-0210	#2 & #4	NONE
75758-0111	75758-0211	#4 & #6	NONE



NOTES :

1. MATERIALS :

CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC,
GLASS-FILLED, UL94V-0,
COLOR - BLACK
EMI HOUSING - DIE CAST ALLOY, FINISH: NICKEL
COVER - STAINLESS STEEL ALLOY
CPI TERMINALS - COPPER ALLOY
EMI GASKETS - CONDUCTIVE POLYMER

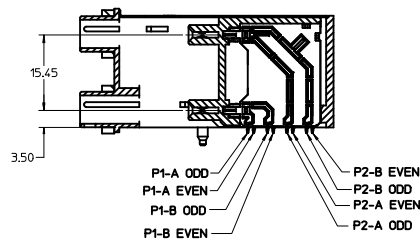
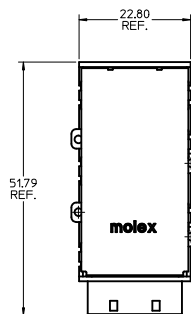
2. TERMINAL PLATING : SEE CHART

OPTION 1) TIN/LEAD - CONTACT AREA - 0.7μ MIN GOLD OVER 2.5μ MIN NICKEL.
COMPLIANT AREA - 0.7-1.54μm TIN/LEAD (90/10) OVER 1.24μm MIN NICKEL.

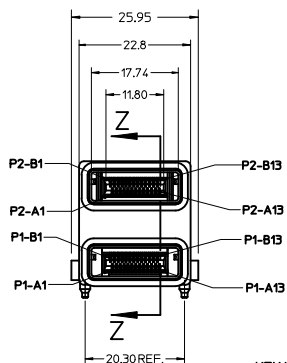
OPTION 2) LEAD FREE - CONTACT AREA - 0.7μ MIN GOLD OVER 2.5μ MIN NICKEL.
COMPLIANT AREA - 0.7-1.54μm TIN (TIN ONLY) OVER 1.24μm MIN NICKEL.

3. PACKAGING SPECIFICATION : TRAY PACK (TBD)

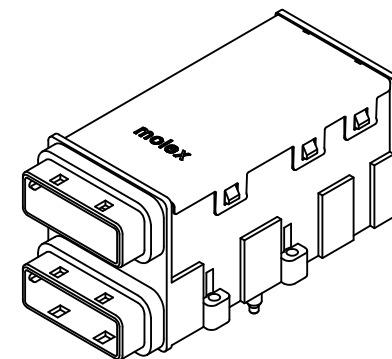
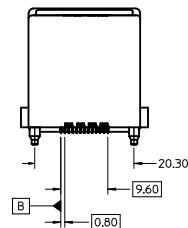
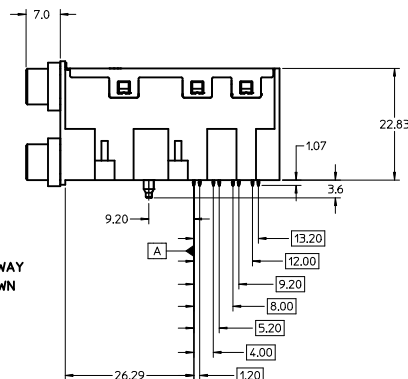
4. REFER TO PS-75586-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
5. THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES 74548.
6. REQUIRES MOUNTING HARDWARE : (4) M2 X 8MM CAP SCREWS OR EQUIV. MAX. TORQUE 2.3 in/lbs.
7. PRODUCT IS RoHS COMPLIANT.



SECTION Z-Z



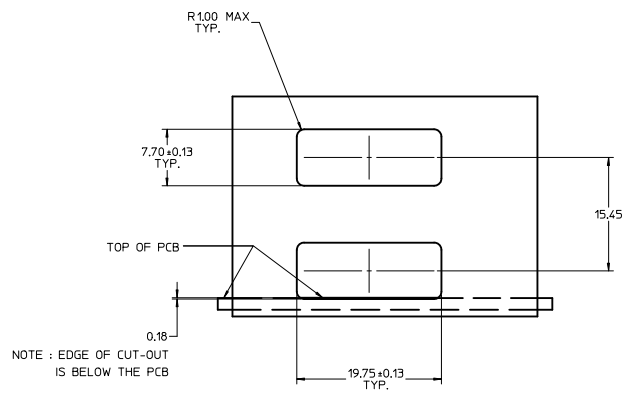
KEY/KEYWAY
NOT SHOWN



75758-0101
SHOWN FOR REF. ONLY

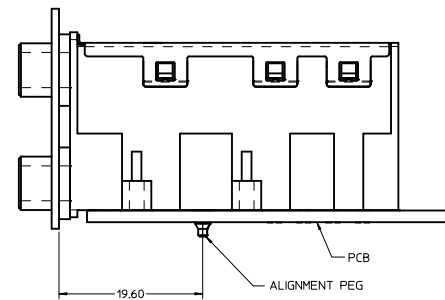
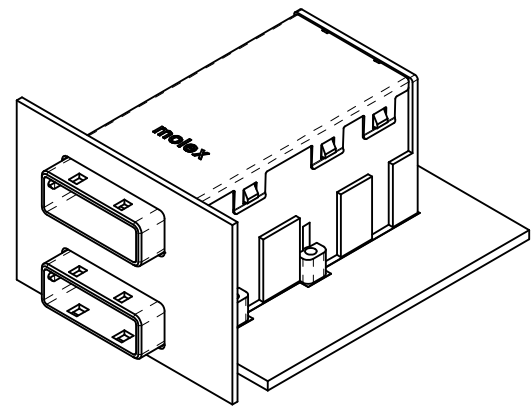
ADD LEAD-FREE EC NO: UCP2012-1063 DRAWN BY: JANTALEZ10 CHKD: MBANAKIS APPROVED: MBANAKIS DATE: 2011/09/14 REV: 1	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm		INCH		DRAWN BY JANTALEZ10	DATE 01/23/08	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR		
			3 PLACES ±		±		CHECKED BY KLANG	DATE 01/23/08			
			2 PLACES ±		0.25 ±		APPROVED BY DATE		MOLEX INCORPORATED		
			1 PLACE ±		0.25 ±		MBANAKIS 01/23/08				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±1/2°		MATERIAL NO. 75758-010*		DOCUMENT NO. SD-75758-010		SHEET NO. 1 OF 3		
					SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



PANEL CUT-OUT

MAXIMUM THICKNESS = 1.50
(NOT SUPPLIED)



ASSEMBLY VIEW

SEE SHEET 1 EC NO: UCP2012-1063 DRAWN: S801EL 2011/09/14 CHKD: MBANAKIS APPR: MBANAKIS 2011/10/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
							TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE D	4 PLACES ± 0.25		DRAWN BY JJANTELEZIO		DATE 01/23/08		MOLEX INCORPORATED	
		3 PLACES ± 0.25		CHECKED BY KLANG		DATE 01/23/08			
		2 PLACES ± 0.25		APPROVED BY MBANAKIS		DATE 01/23/08			
REV			1 PLACE ± 0.25		MATERIAL NO. 75758-010*		DOCUMENT NO. SD-75758-010		SHEET NO. 2 OF 3
			ANGULAR $\pm 1/2^\circ$						

