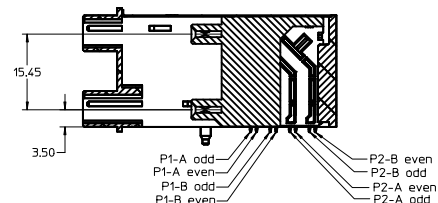
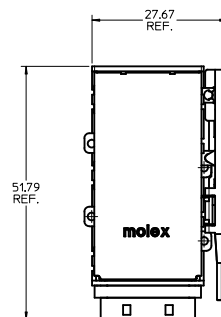
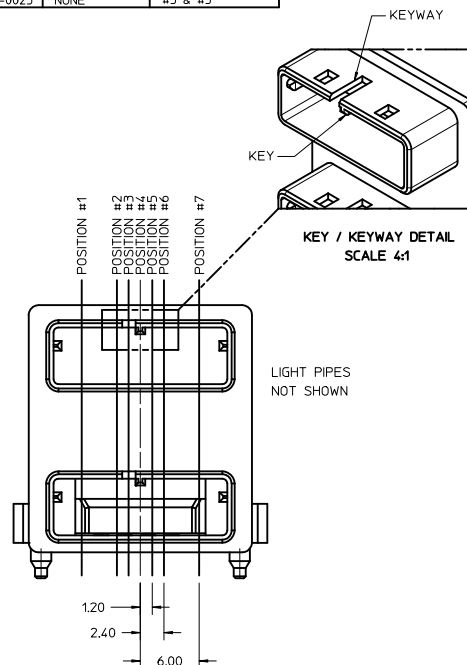
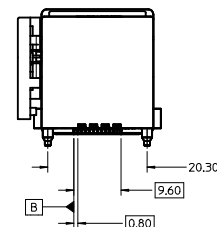
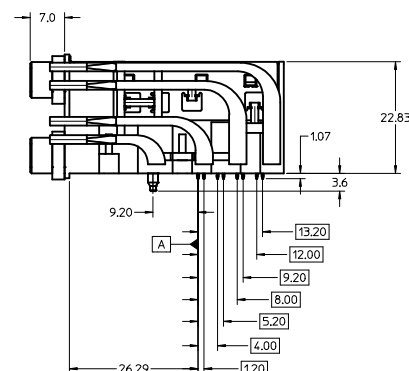
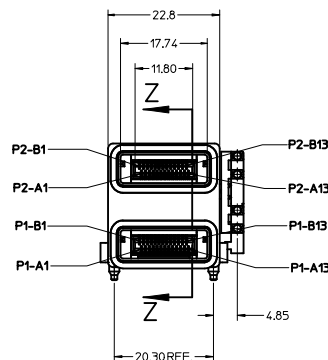
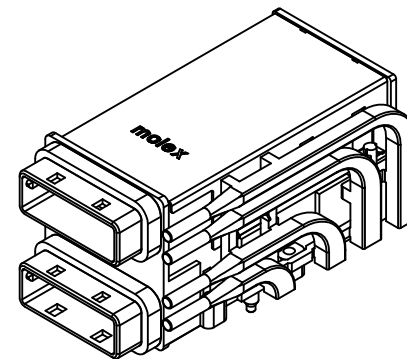


KEY/KEYWAY OPTIONS			
PART NUMBER		KEY POSITION	KEYWAY POSITION
TIN/LEAD	LEAD-FREE		
75758-0001	75758-0021	NONE	NONE
75758-0002	75758-0022	#3	NONE
75758-0003	75758-0023	#4	NONE
75758-0004	75758-0024	#4	#3 & #5
75758-0005	75758-0025	NONE	#3 & #5



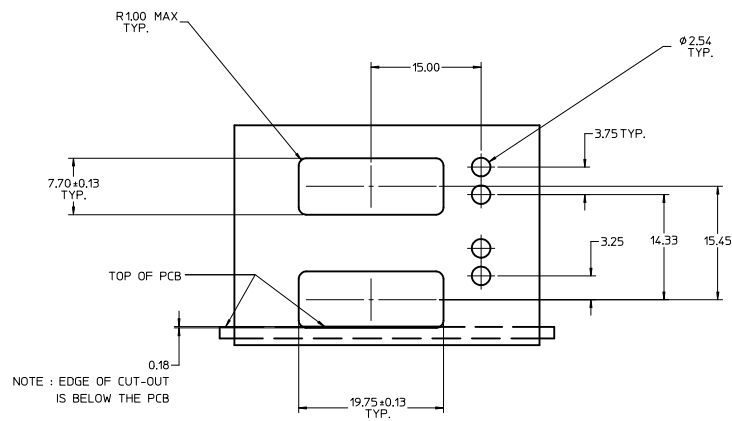
SECTION Z-Z



NOTES :

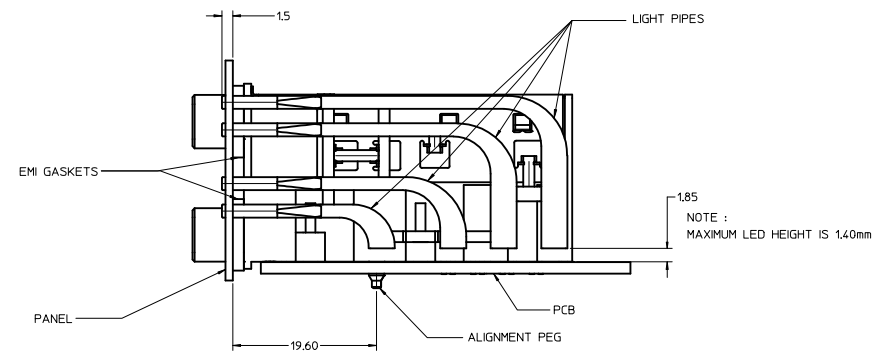
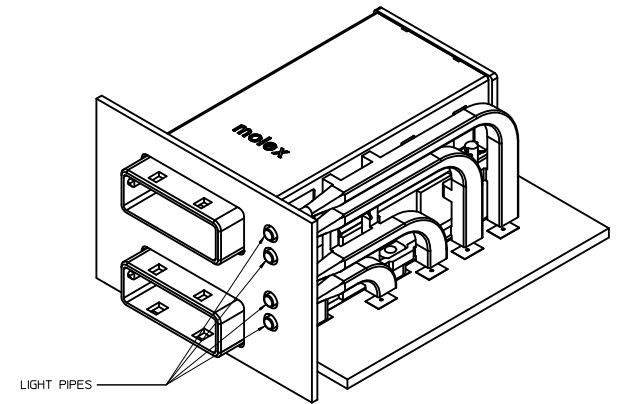
- MATERIALS :
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC,
GLASS-FILLED, UL94V-0,
COLOR - BLACK
EMI HOUSING - DIE CAST ALLOY, NICKEL PLATED FINISH
COVER - STAINLESS STEEL ALLOY
CPI TERMINALS - COPPER ALLOY
EMI GASKETS - CONDUCTIVE POLYMER
LIGHT PIPE - CLEAR THERMOPLASTIC, UL94V-0
- TERMINAL PLATING :
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	REV DESCRIPTION 2011/10/13 2011/10/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES MOLEX INCORPORATED	SHEET NO. 1 OF 3
			mm INCH		DRAWN BY DATE J. JANTELEZ 10 02/05/2008							
			4 PLACES ± --- ± ---		CHECKED BY DATE KLANG 02/05/2008							
			3 PLACES ± --- ± ---		APPROVED BY DATE BANAKI S 02/05/2008							
			2 PLACES ± 0.25 ± ---		MATERIAL NO. DOCUMENT NO.							
			1 PLACE ± 0.25 ± ---		75758-000* SD-75758-001							
			ANGULAR ±1/2°		SIZE D							
			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							



PANEL CUT-OUT

MAXIMUM THICKNESS = 1.50
(NOT SUPPLIED)



ASSEMBLY VIEW

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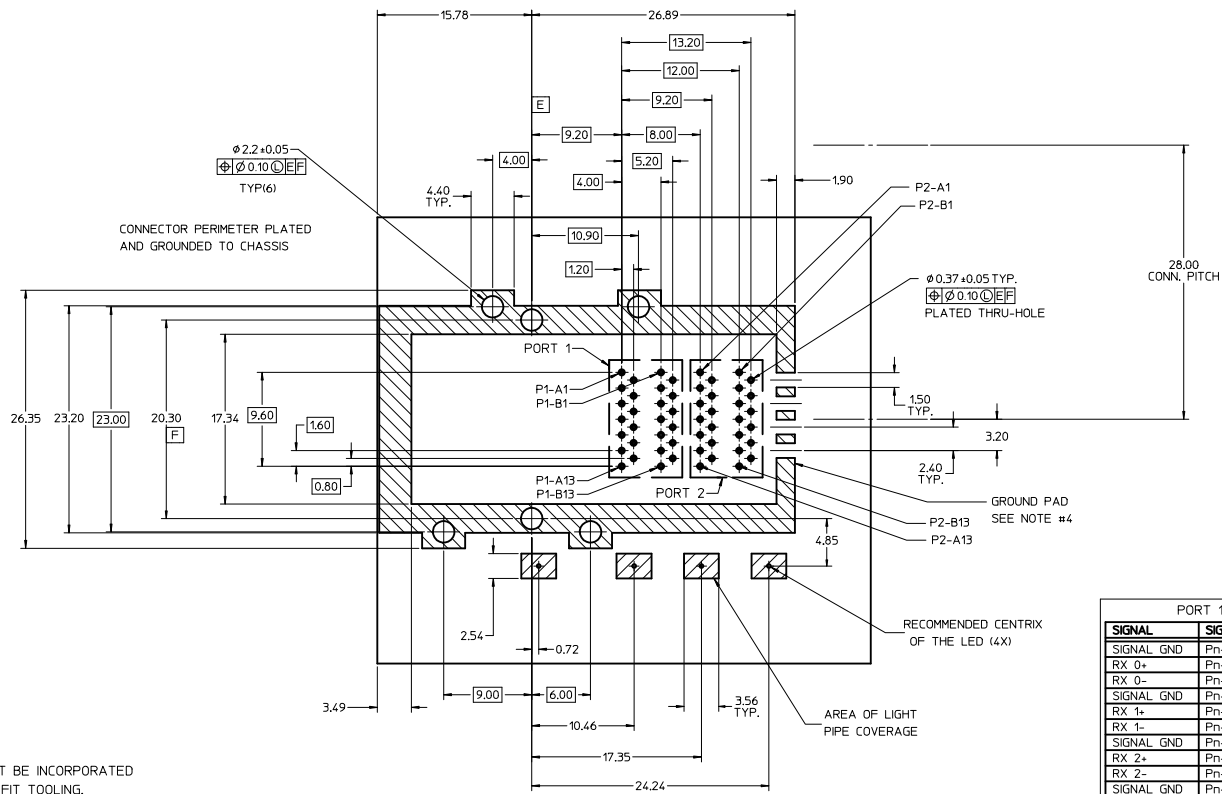
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D

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

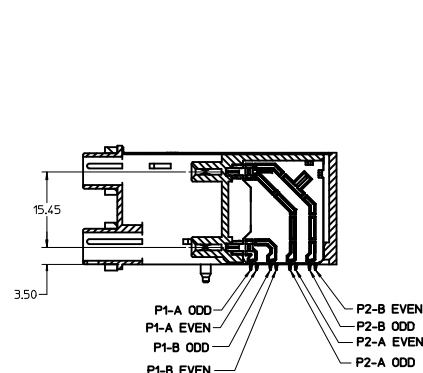
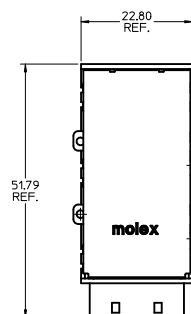
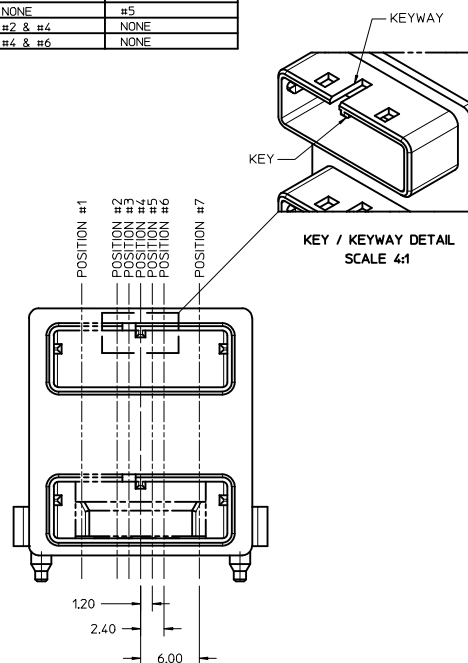
THICKNESS = 1.35mm MIN.

SEE SHEET 1 EC NO: UCP2012-1063 DRAWN BY: DRWNSB001EL CHKD: CHKO: APPROVED BY: BANAKIS DATE: 2011/10/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES	MOLEX INCORPORATED	DOCUMENT NO. SD-75758-001	SHEET NO. 3 OF 3
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75758-000*								

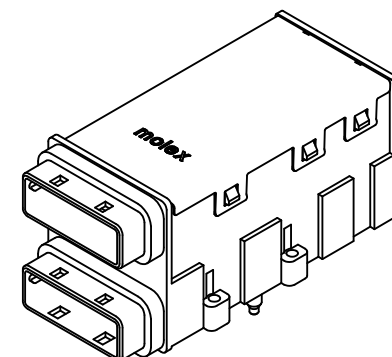
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

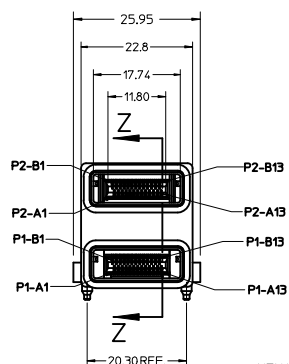
KEYING & PLATING OPTIONS			
TIN/LEAD PART NUMBER	LEAD FREE PART NUMBER	KEY POSITION	KEYWAY POSITION
75758-0101	75758-0201	NONE	NONE
75758-0102	75758-0202	#3	NONE
75758-0103	75758-0203	#4	NONE
75758-0104	75758-0204	#4	#3 & #5
75758-0105	75758-0205	NONE	#3 & #5
75758-0106	75758-0206	#4	#3
75758-0107	75758-0207	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



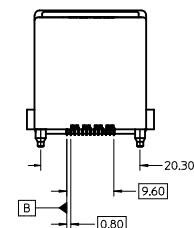
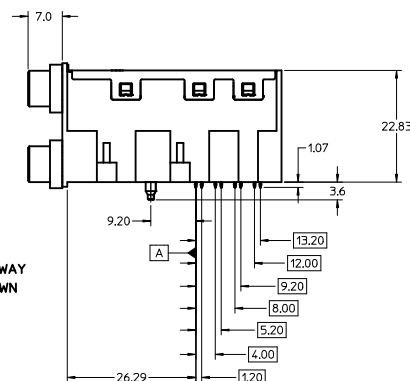
SECTION Z-Z



75758-0101
SHOWN FOR REF. ONLY



KEY/KEYWAY
NOT SHOWN



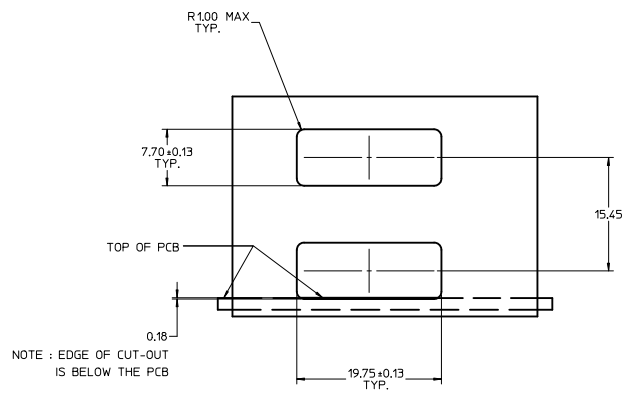
NOTES :

- 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
- 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.
- PACKAGING SPECIFICATION : TRAY PACK (TBD)
- 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.
- PRODUCT IS RoHS COMPLIANT.

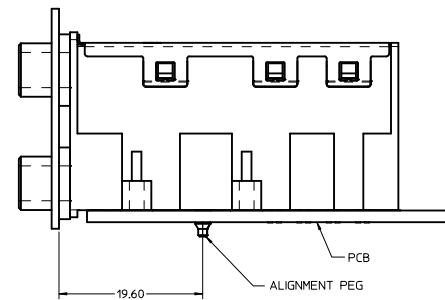
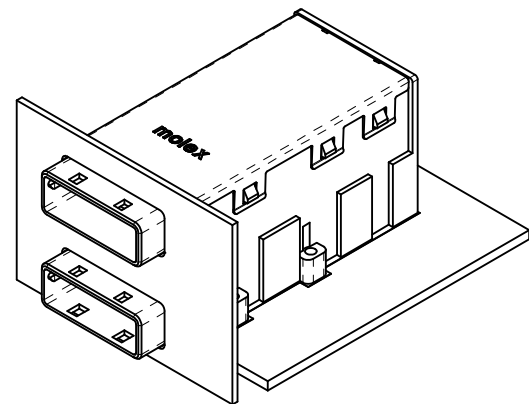
ADD LEAD-FREE EC NO: UCP2012-1063 DRAWN BY: J.JANTELEZ CHKD: MBANAKIS APPROVED: MBANAKIS DATE: 2011/09/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		DATE 01/23/08		DATE 01/23/08		TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR		MOLEX INCORPORATED	
		3 PLACES ± --- ± ---		DATE 01/23/08		DATE 01/23/08		DOCUMENT NO. SD-75758-010		SHEET NO. 1 OF 3	
		2 PLACES ± 0.25 ± ---		DATE 01/23/08		DATE 01/23/08		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: S80GIEL CHKD: APPR: MBANAKIS	DESCRIPTION 2011/09/14 2011/10/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		$\nabla=0$		mm	INCH	DRAWN BY JJANTELEZIO	DATE 01/23/08	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR	
		$\nabla=0$	4 PLACES $\pm$ ---	3 PLACES $\pm$ ---		CHECKED BY KLANG	DATE 01/23/08		
		$\nabla=0$	2 PLACES ± 0.25	1 PLACE ± 0.25		APPROVED BY MBANAKIS	DATE 01/23/08		
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO. 75758-010*		DOCUMENT NO. SD-75758-010		SHEET NO. 2 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						MOLEX MOLEX INCORPORATED			

