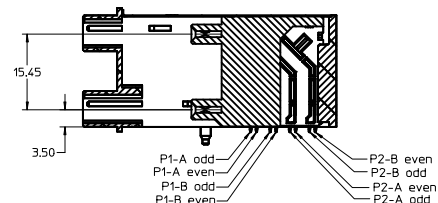
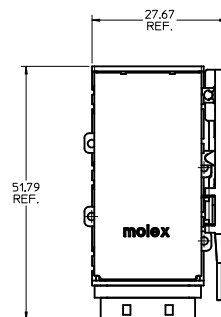
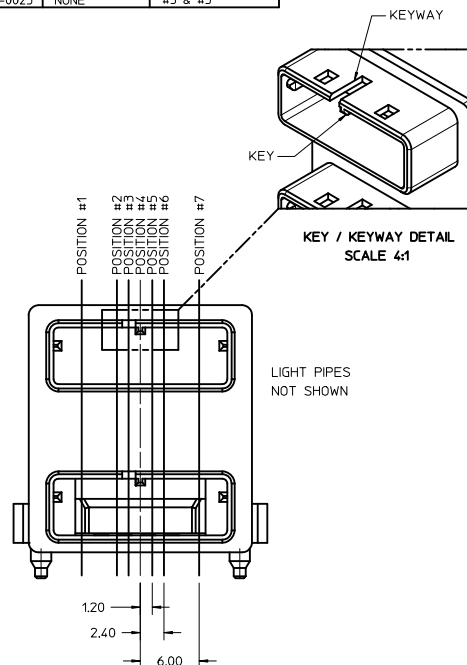
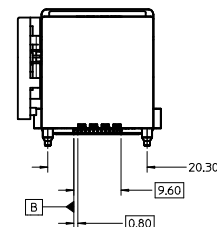
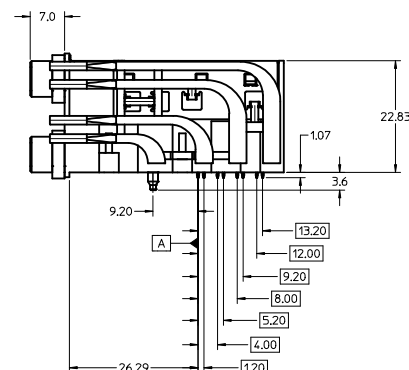
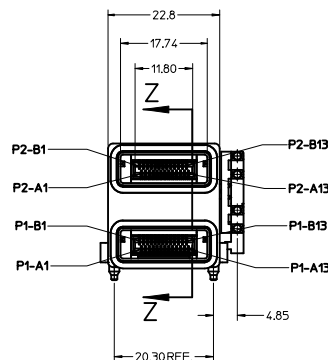
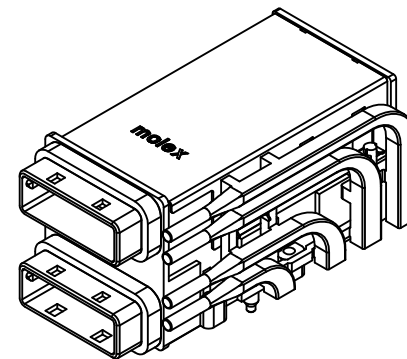


KEY/KEYWAY OPTIONS			
PART NUMBER		KEY POSITION	KEYWAY POSITION
TIN/LEAD	LEAD-FREE		
75758-0001	75758-0021	NONE	NONE
75758-0002	75758-0022	#3	NONE
75758-0003	75758-0023	#4	NONE
75758-0004	75758-0024	#4	#3 & #5
75758-0005	75758-0025	NONE	#3 & #5



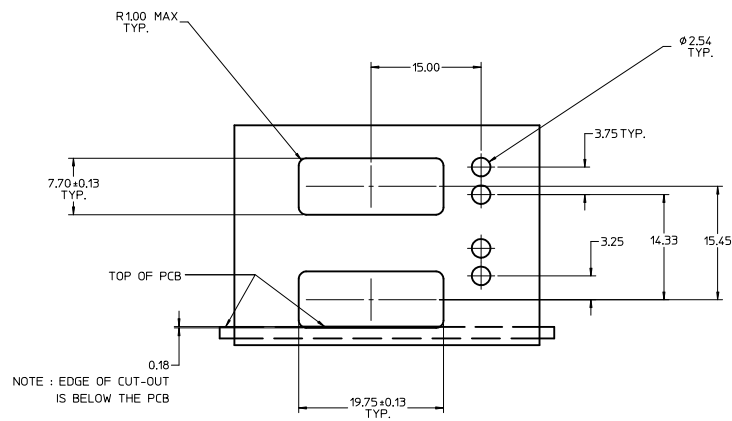
SECTION Z-Z



NOTES :

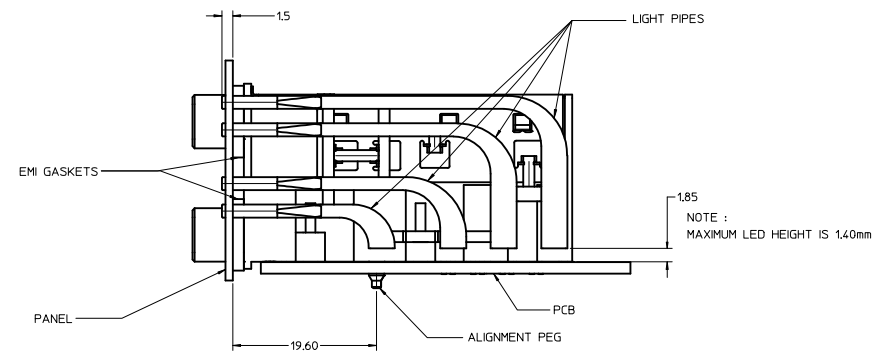
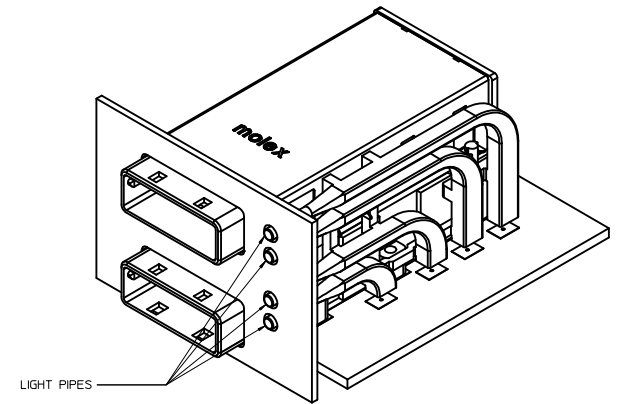
- MATERIALS :
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC,
GLASS-FILLED, UL94V-0,
COLOR - BLACK
EMI HOUSING - DIE CAST ALLOY, NICKEL PLATED FINISH
COVER - STAINLESS STEEL ALLOY
CPI TERMINALS - COPPER ALLOY
EMI GASKETS - CONDUCTIVE POLYMER
LIGHT PIPE - CLEAR THERMOPLASTIC, UL94V-0
- TERMINAL PLATING :
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 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.IANTELEZ 10 02/05/2008		TITLE				
				4 PLACES ± --- ± ---		CHECKED BY DATE						
				3 PLACES ± --- ± ---		KLANG 02/05/2008						
				2 PLACES ± 0.25 ± ---		APPROVED BY DATE						
				1 PLACE ± 0.25 ± ---		BANAKI S 02/05/2008						
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		75758-000*		SD-75758-001				
REV				SIZE	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

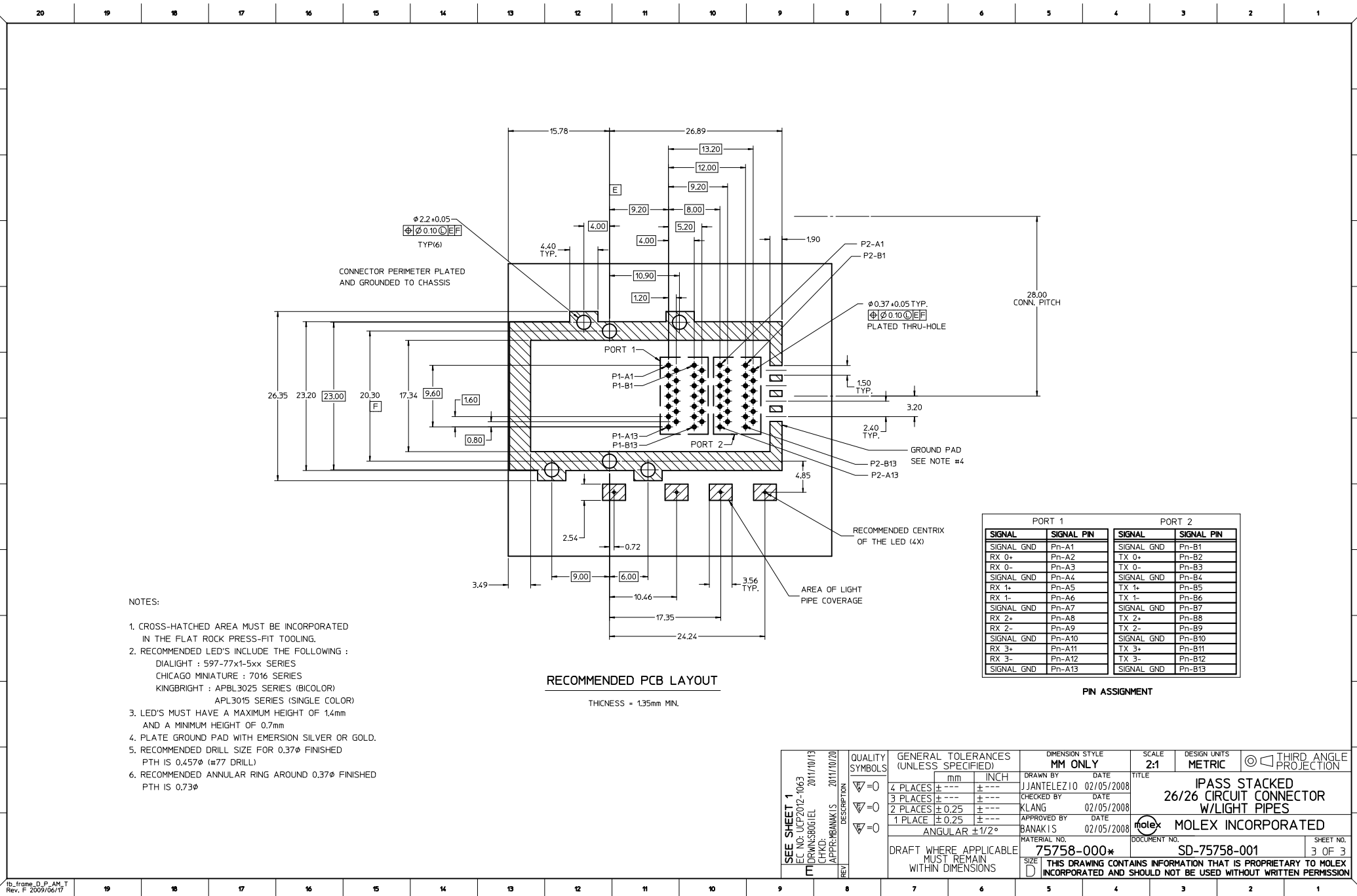
SEE SHEET 1 IEC NO: UCP2012-1063 DRAWN: SBOGIEL 2011/10/13 CHKD: APPR: MBANAKIS 2011/10/20 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$	mm INCH	MM ONLY	3:1	METRIC	
	$\nabla=0$	4 PLACES $\pm$ --- $\pm$ ---	DRAWN BY: J JANTELEZ10 DATE: 02/05/2008			
	$\nabla=0$	3 PLACES $\pm$ --- $\pm$ ---	CHECKED BY: KLANG DATE: 02/05/2008			
		2 PLACES $\pm$ 0.25 $\pm$ ---	APPROVED BY: BANAKIS DATE: 02/05/2008			
		1 PLACE $\pm$ 0.25 $\pm$ ---				
		ANGULAR $\pm$ 1/2°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			MATERIAL NO. 75758-000*	DOCUMENT NO. SD-75758-001		
			SIZE D			

TITLE
IPASS STACKED
26/26 CIRCUIT CONNECTOR
W/LIGHT PIPES

MOLEX INCORPORATED

SHEET NO.
2 OF 3

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



NOTES:

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

RECOMMENDED PCB LAYOUT

THICKNESS = 1.35mm MIN.

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

PIN ASSIGNMENT

SEE SHEET 1

EC NO: UCP2012-1063

DRWNSB001EL

CHKD: 2011/10/13

APPR:MBANKIS

DESCRIPTION: 2011/10/20

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ±---

3 PLACES ±---

2 PLACES ±0.25

1 PLACE ±0.25

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY: JJANTELEZIO

DATE: 02/05/2008

CHECKED BY: KLANG

DATE: 02/05/2008

APPROVED BY: BANAKIS

DATE: 02/05/2008

MATERIAL NO: 75758-000*

DOCUMENT NO: SD-75758-001

SCALE: 2:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

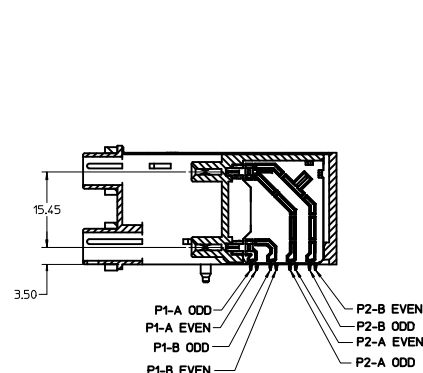
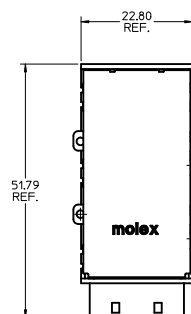
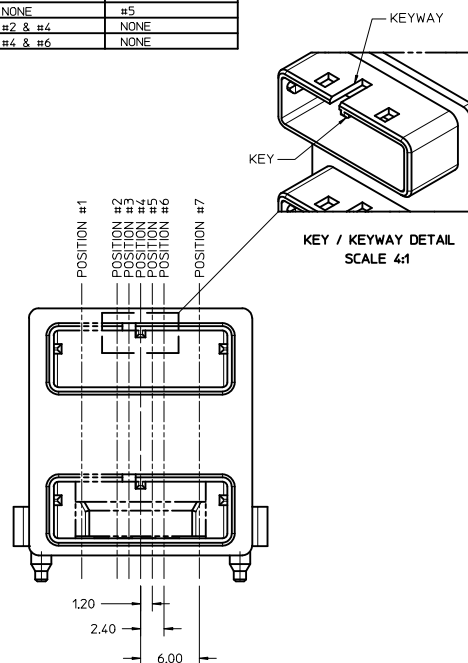
IPASS STACKED 26/26 CIRCUIT CONNECTOR W/LIGHT PIPES

MOLEX INCORPORATED

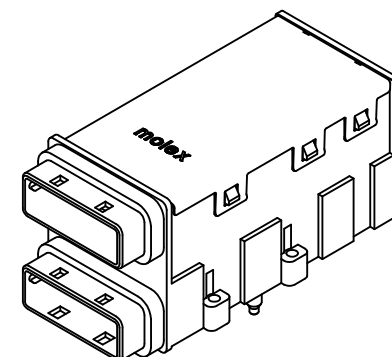
SHEET NO: 3 OF 3

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

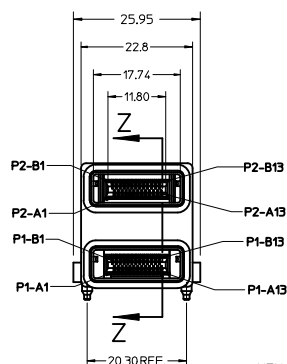
KEYING & PLATING OPTIONS			
TIN/LEAD PART NUMBER	LEAD FREE PART NUMBER	KEY POSITION	KEYWAY POSITION
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75758-0102	75758-0202	#3	NONE
75758-0103	75758-0203	#4	NONE
75758-0104	75758-0204	#4	#3 & #5
75758-0105	75758-0205	NONE	#3 & #5
75758-0106	75758-0206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



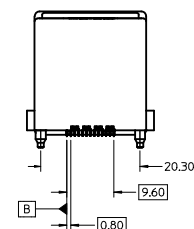
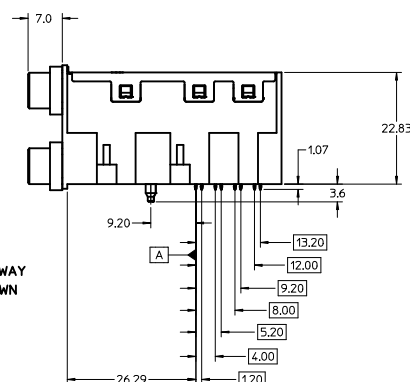
SECTION Z-Z



75758-0101
SHOWN FOR REF. ONLY



KEY/KEYWAY
NOT SHOWN



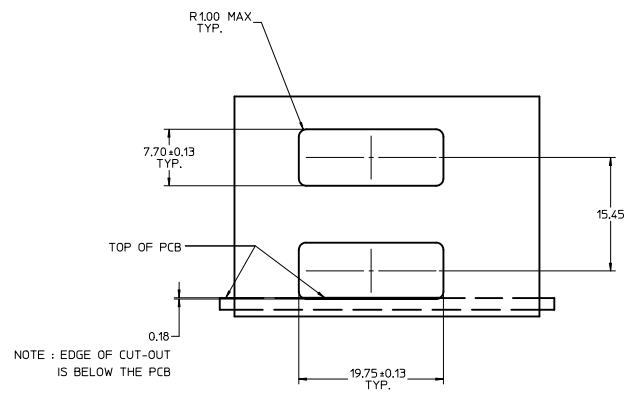
NOTES :

- 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.

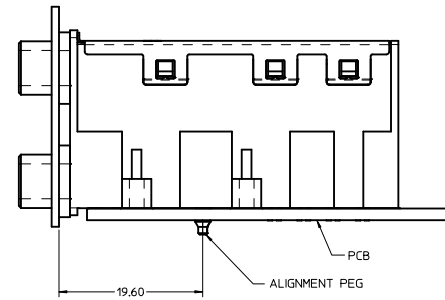
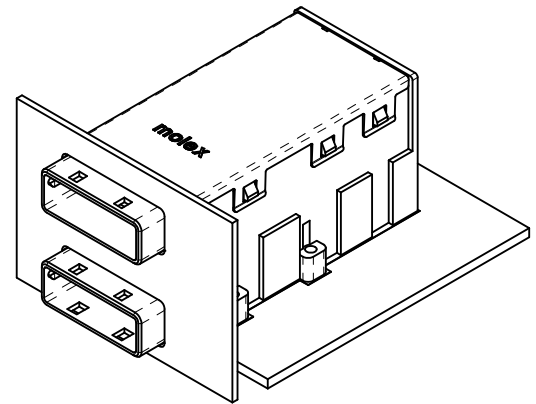
ADD LEAD-FREE EC NO: UCP2012-1063 DRAWN BY: JANTALEZ10 CHKD: MBANAKIS APPROV: MBANAKIS REV: D	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm INCH		DRAWN BY JANTALEZ10	DATE 01/23/08	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR			
	▽=0	4 PLACES ± --- ± ---		CHECKED BY KLANG	DATE 01/23/08				
	▽=0	3 PLACES ± --- ± ---		APPROVED BY MBANAKIS	DATE 01/23/08				
		2 PLACES ± 0.25 ± ---							
		1 PLACE ± 0.25 ± ---							
		ANGULAR ±1/2°							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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 REF NO. ICF2012-063 DIPWANS0061 CHUCKO APPROV#16ANKS 2011/09/14 2011/07/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
					MM ONLY		3:1	METRIC			
			 =0		mm	INCH	DRAWN BY	DATE	TITLE IPASS STACKED 26/26 CIRCUIT CONNECTOR		
			 =0		4 PLACES $\pm$ ---	$\pm$ ---	JJANTELEZIO	01/23/08			
			 =0		3 PLACES $\pm$ ---	$\pm$ ---	CHECKED BY	DATE			
			 =0		2 PLACES ± 0.25	$\pm$ ---	KLANG	01/23/08			
			 =0		1 PLACE ± 0.25	$\pm$ ---	APPROVED BY	DATE			
							MBANAKI S	01/23/08	 MOLEX INCORPORATED		
			ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		75758-010*		SD-75758-010				
REV				SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					SHEET NO. 2 OF 3	

