

F

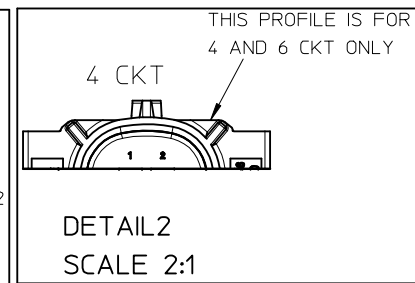
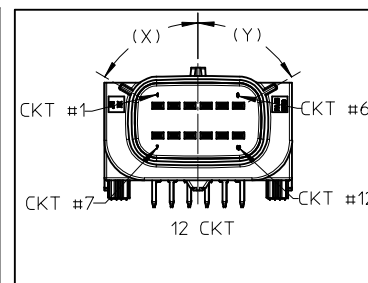
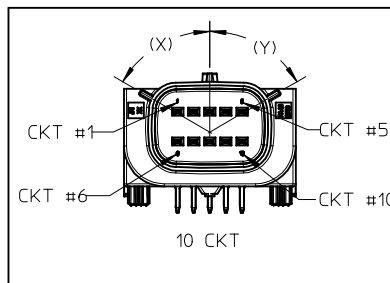
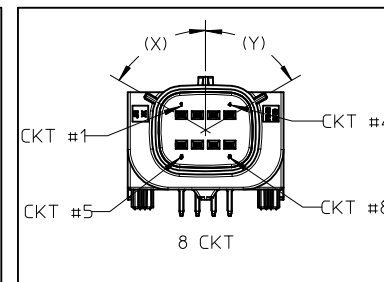
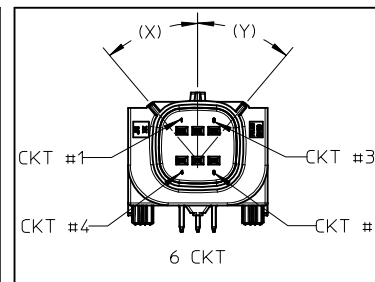
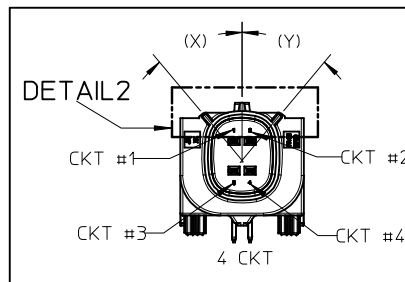
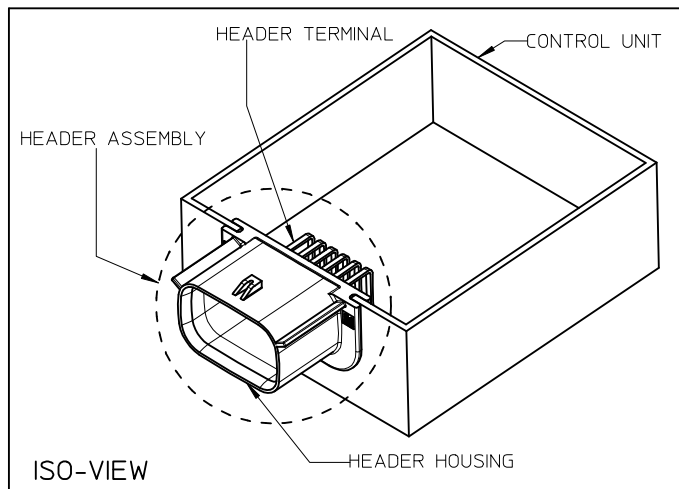
E

D

C

B

A

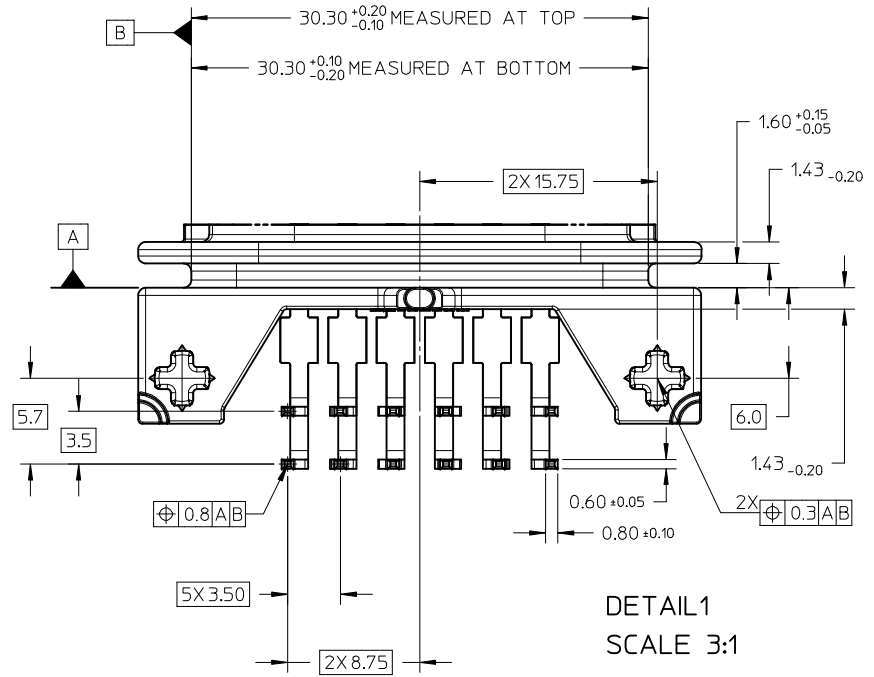
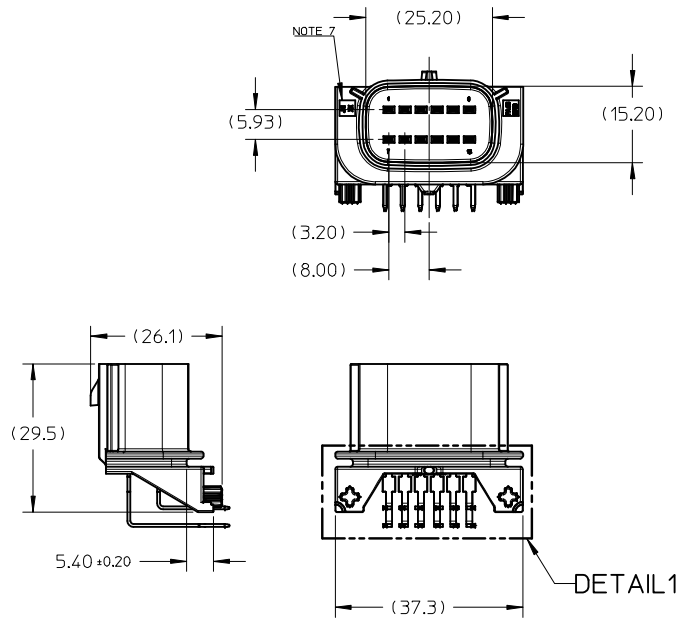


NOTES:

1. MATERIAL
 - A) HEADER HOUSING: HB RATED 30% GLASS FILLED NYLON
 - B) HEADER TERMINAL: BRASS
2. PLATING
 - POST-PLATED TIN 1 MICRON MINIMUM
3. HEADER TERMINALS WILL NOT HAVE BARE EDGES
4. PRODUCT WILL COMPLY WITH PS-36783-001
5. HEADER MATES WITH SERIES 36792
6. PCB THICKNESS CONSIDERED 1.6MM
7. CAVITY NUMBER WILL BE IDENTIFIED ON HEADER, LOCATION IS AS SHOWN
8. MANUFACTURING DATE CODE WILL BE IDENTIFIED ON BAR CODE LABEL SHIPPED AGAINST EACH ORDER. PARTS WILL BE TRACED AGAINST THIS
9. TRUE POSITION MEASUREMENTS FOR SOLDER TAIL WILL BE PROVIDED DURING INITIAL PPAP SUBMISSION. ONGOING THIS WILL BE CHECKED WITH GAUGE
10. ALL DIMENSIONS SHOWN ARE APPLICABLE AS RECEIVED INTO CUSTOMER PLACE. MOLEX OWNS RESPONSIBILITY FOR HEADER AS SHIPPED FROM MOLEX, ASSEMBLY OF HEADER ON TO CONTROL UNIT ALONG WITH ITS FUNCTIONALITY COMES UNDER CUSTOMER SCOPE.
11. COMPLY WITH PACKING SPECIFICATION PK-36783-001
12. PRODUCT TOOLING STATUS - PRODUCTION TOOLING AVAILABLE FOR 12 CIRCUIT ONLY (SEE TABLE A).

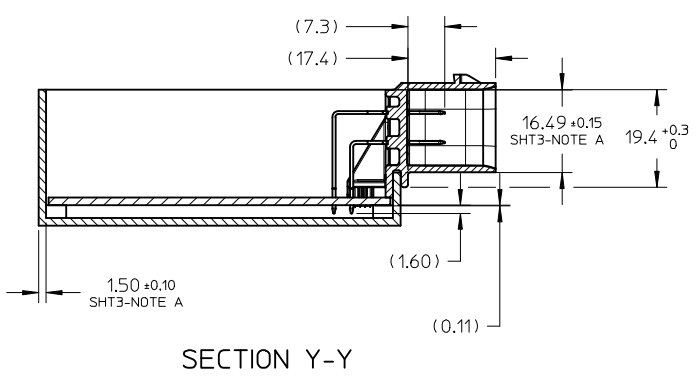
SEE SHEET 5 EC NO:12014-0218 DRWN:HTHYAGARA J CHKD: APPR:KPRASAD REV	2014/06/25 2014/07/07	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm INCH	DRAWN BY	DATE	TITLE MX120G DUAL ROW 3.2/3.5 HEADER ASSY SEALED SYSTEM molex			
						STHM01	2012/07/17				
						CHECKED BY	DATE				
						KPRASAD	2012/07/19				
						APPROVED BY	DATE				
						KPRASAD	2013/09/13				
ANGULAR ±---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE A & B		SD-36783-004		1 OF 5					
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

12CKT HEADER DIMENSIONS DETAILS- SEE BELOW IN SHEET 2 OF 4

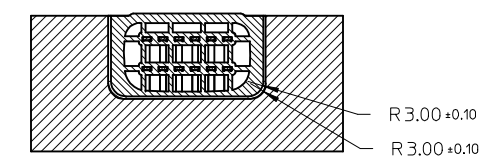
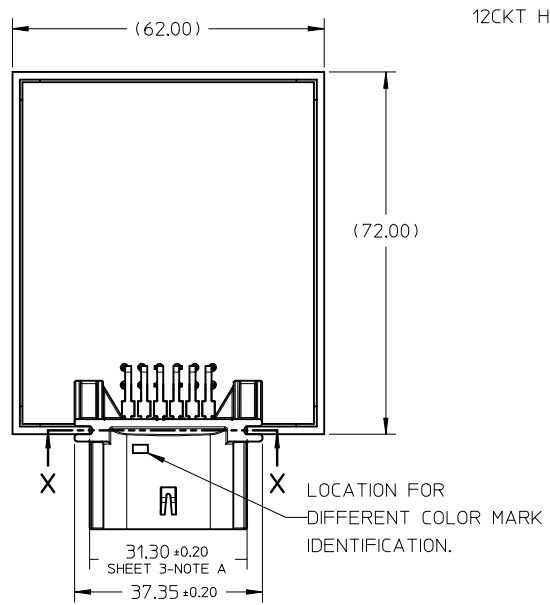


SEE SHEET 5 EC NO: I2014-0218 DRAWN: HTHYAGARAJ CHKD: APPR: KPRASAD REV	DESCRIPTION 2014/06/25 2014/07/07	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		$\nabla = 0$		mm INCH		DRAWN BY DATE		TITLE MX120G DUAL ROW 3.2/3.5 HEADER ASSY SEALED SYSTEM molex			
		$\nabla = 0$		4 PLACES $\pm$ --- $\pm$ ---		STHM01 2012/07/17					
		$\nabla = 0$		3 PLACES $\pm$ --- $\pm$ ---		CHECKED BY DATE					
				2 PLACES $\pm$ --- $\pm$ ---		KPRASAD 2012/07/19		molex			
				1 PLACE $\pm$ --- $\pm$ ---		APPROVED BY DATE					
				0 PLACE $\pm$ --- $\pm$ ---		KPRASAD 2013/09/13		SD-36783-004			
				ANGULAR $\pm$ --- °		MATERIAL NO.					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE A & B		DOCUMENT NO.		SHEET NO. 2 OF 5	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

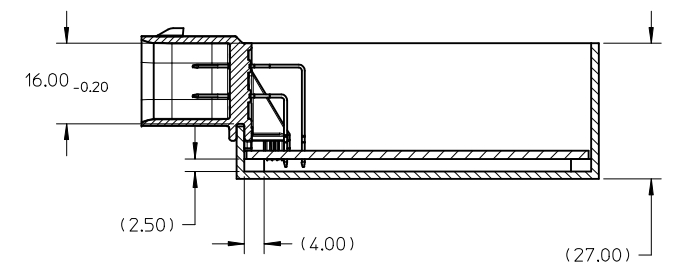
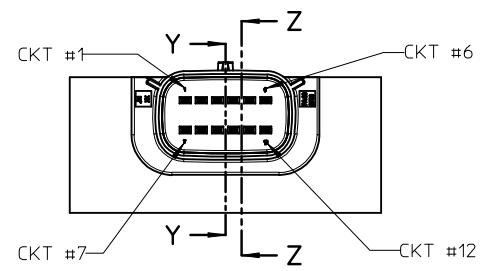
10 9 8 7 6 5 4 3 2 1



SECTION Y-Y



SECTION X-X



SECTION Z-Z

NOTE A
- ALL THESE DIMENSIONS ARE BOX DIMENSIONS TOL. OF THESE ARE
CONSIDERED AS GENERAL TOL. AS MENTIONED AGAINST THE DIMENSIONS.

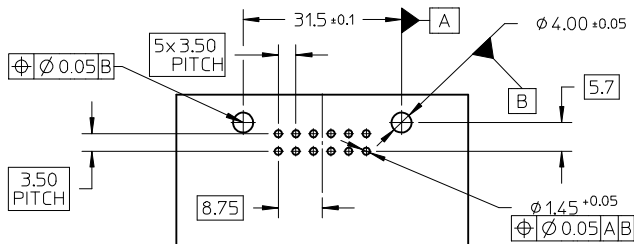
SEE SHEET 5 EC NO: 12014-0218 DRWN: HTHYAGARAJ 2014/06/25 CHKD: APPR: KPRASAD 2014/07/07	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			F _A = 0 F _G = 0 F _D = 0		mm	INCH	DRAWN BY STHM01	DATE 2012/07/17	TITLE MX120G DUAL ROW 3.2/3.5 HEADER ASSY SEALED SYSTEM molex				
				4 PLACES	± ---	± ---	CHECKED BY KPRASAD	DATE 2012/07/19					
				3 PLACES	± ---	± ---	APPROVED BY KPRASAD	DATE 2013/09/13					
				2 PLACES	± ---	± ---	MATERIAL NO.	DOCUMENT NO.					
				1 PLACE	± ---	± ---	SEE TABLE A & B		SD-36783-004			SHEET NO. 3 OF 5	
			0 PLACE	± ---	± ---								
			ANGULAR ± --- °										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
			SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9 8 7 6 5 4 3 2 1

TABLE A

PART #	CIRCUIT SIZE	HEADER HOUSING COLOUR	COLOR MARK IDENTIFICATION	KEYING DIMENSION		STATUS	HEADER HOUSING QTY	HEADER TERMINAL QTY
				(X)	(Y)			
367830401	4	BLACK	-	40°	40°	NOT TOOLED	1	4
367830402	4		BROWN	40°	40°			
367830403	4		RED	40°	40°			
367830404	4		GREEN	40°	40°			
367830405	4		GREY	40°	40°			
367830406	4		BLUE	40°	40°			
367830407	4		YELLOW	40°	40°			
367830408	4		WHITE	40°	40°			
367830601	6	BLACK	-	40°	40°	NOT TOOLED	1	6
367830602	6		BROWN	40°	40°			
367830603	6		RED	40°	40°			
367830604	6		GREEN	40°	40°			
367830605	6		GREY	40°	40°			
367830606	6		BLUE	40°	40°			
367830607	6		YELLOW	40°	40°			
367830608	6		WHITE	40°	40°			
367830801	8	BLACK	-	60°	60°	NOT TOOLED	1	8
367830802	8		BROWN	60°	60°			
367830803	8		RED	60°	60°			
367830804	8		GREEN	60°	60°			
367830805	8		GREY	60°	60°			
367830806	8		BLUE	60°	60°			
367830807	8		YELLOW	60°	60°			
367830808	8		WHITE	60°	60°			

PART #	CIRCUIT SIZE	HEADER HOUSING COLOUR	COLOR MARK IDENTIFICATION	KEYING DIMENSION		STATUS	HEADER HOUSING QTY	HEADER TERMINAL QTY
				(X)	(Y)			
367831001	10	BLACK	-	60°	60°	NOT TOOLED	1	10
367831002	10		BROWN	60°	60°			
367831003	10		RED	60°	60°			
367831004	10		GREEN	60°	60°			
367831005	10		GREY	60°	60°			
367831006	10		BLUE	60°	60°			
367831007	10		YELLOW	60°	60°			
367831008	10		WHITE	60°	60°			
367831201	12	BLACK	-	60°	60°	TOOLED	1	12
367831202	12		BROWN	60°	60°			
367831203	12		RED	60°	60°			
367831204	12		GREEN	60°	60°			
367831205	12		GREY	60°	60°			
367831206	12		BLUE	60°	60°			
367831207	12		YELLOW	60°	60°			
367831208	12		WHITE	60°	60°			
367831209	12		ORANGE	60°	60°			
367831210	12		VIOLET	60°	60°			
367831211	12		PINK	60°	60°			



PCB LAYOUT
(12 CKT HEADER ONLY)

SEE SHEET 5

EC NO: 12014-0218

DRWN: HTHYAGARAJ 2014/06/25

CHKD:

APPR: KPRASAD 2014/07/07

REV

QUALITY SYMBOLS
F_A=0
F_B=0
F_C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
0 PLACE ± --- ± ---
ANGULAR ± --- °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
STHM01 2012/07/17
CHECKED BY DATE
KPRASAD 2012/07/19
APPROVED BY DATE
KPRASAD 2013/09/13
MATERIAL NO.
SEE TABLE A & B

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
MX120G DUAL ROW
3.2/3.5 HEADER ASSY
SEALED SYSTEM
DOCUMENT NO.
SD-36783-004
SHEET NO.
4 OF 5

molex

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

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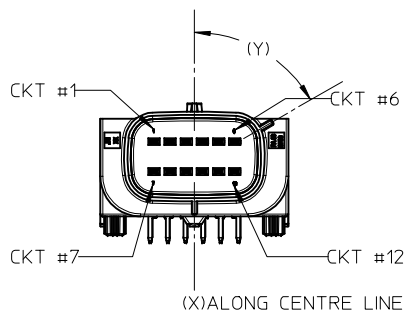
5

4

3

2

1



12 CT - VIEW ONLY FOR P/N 367831213 (SEE NOTE B)

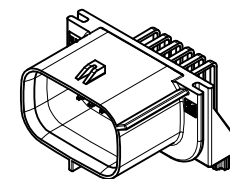
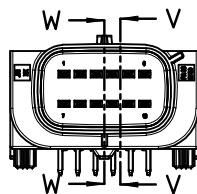
ISOMETRIC VIEW
P/N 367831213

TABLE B

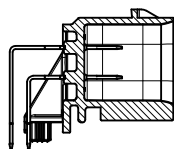
PART #	CIRCUIT SIZE	HEADER HOUSING COLOUR	COLOR MARK IDENTIFICATION	KEYING DIMENSION		STATUS	HEADER HOUSING QTY	HEADER TERMINAL QTY
				(X)	(Y)			
367831212	12	GREY COLOUR	-	60°	60°	NOT TOOLED	1	12
367831213	12			0° (ALONG CENTRE LINE)	60°			

NOTE B:

1. P/N 367831213 IS SAME AS P/N 367831201 WITH DIFFERENT KEY CODING (X)-0° ALONG CENTRE LINE , (Y)-60° AND WITH GREY COLOUR HOUSING.
2. FOR P/N 367831213 KEY CODE (X)-0° ALONG CENTRE LINE IS ALIGNED TO THE BOTTOM SIDE.
3. ALL OTHER DIMENSIONS FOR P/N 367831213 WILL REMAIN SAME AS PER P/N 367831201.



SECTION W-W



SECTION V-V

GREY COLOUR HOUSING ADDED EC NO:12014-0218 DRWN:THYAGARAJ CHKD: APPR:KPRASAD REV	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY STHM01	DATE 2012/07/17	TITLE MX120G DUAL ROW 3.2/3.5 HEADER ASSY SEALED SYSTEM molex SD-36783-004		
			4 PLACES	± ---	± ---	CHECKED BY KPRASAD	DATE 2012/07/19			
			3 PLACES	± ---	± ---	APPROVED BY KPRASAD	DATE 2013/09/13			
			2 PLACES	± ---	± ---	ANGULAR ± ---°		DOCUMENT NO. SD-36783-004		SHEET NO. 5 OF 5
			1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
				MATERIAL NO.						
				SEE TABLE A & B						
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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