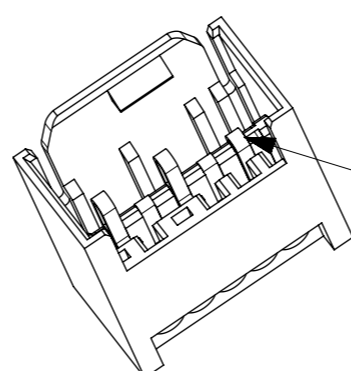
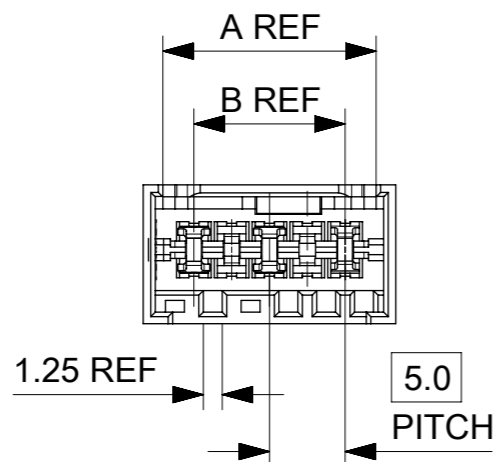
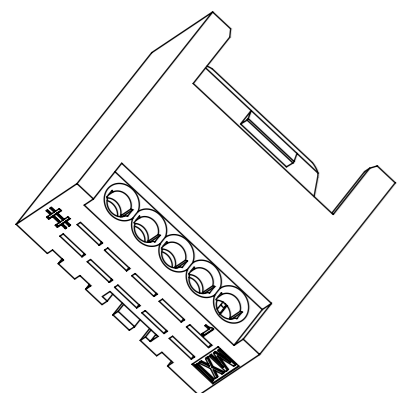


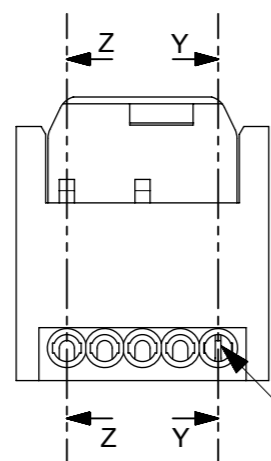
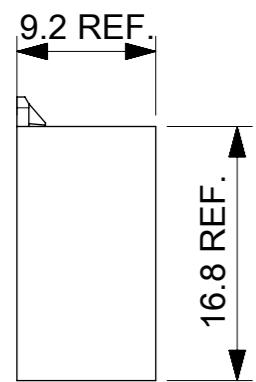
4000012329

3 CIRCUIT CONNECTOR SHOWN

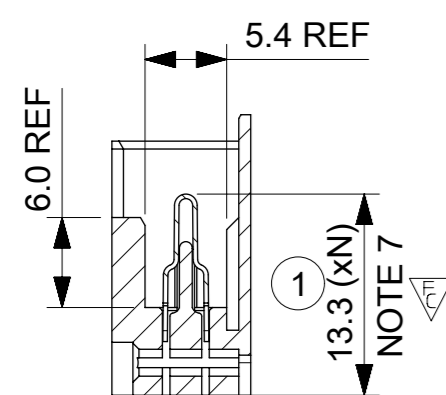
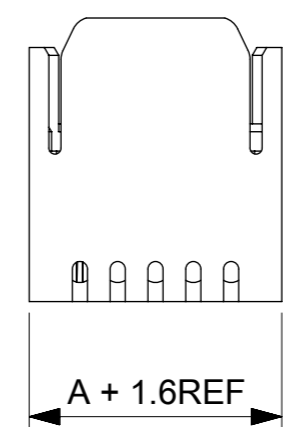
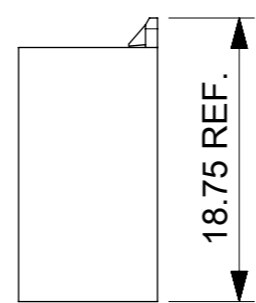
CKT	A	B
2	10.1	5.0
3	15.1	10.0
4	20.1	15.0
5	25.1	20.0
6	30.1	25.0
7	35.1	30.0
8	40.1	35.0



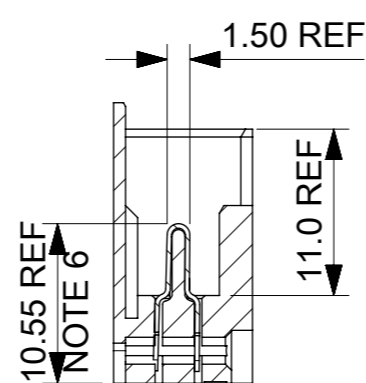
CIRCUIT 1
NOTE 6



CIRCUIT 1
NOTE 6



SECTION Z-Z



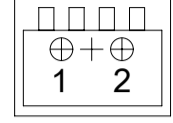
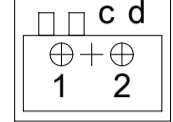
SECTION Y-Y

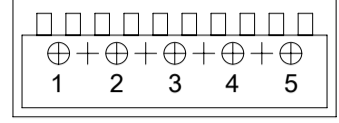
- NOTES:
- MATERIALS
HOUSING: POLYAMIDE 6 (PA6)
UL94-V2. COLOUR NATURAL
TERMINAL: COPPER ALLOY
PLATING: PRE PLATED HOT TIN DIP
 - PRODUCT CONFORMS TO SPECIFICATION PS-99020-0090.
 - MATES WITH RAST 2.5 APPLIMATE FEMALE CONNS.
 - SEE PACKAGING PK-93422-001
 - CONNECTOR DESIGNED FOR USE WITH PANEL 0.80MM TO 0.90MM THICKNESS.
 - TERMINATED HEIGHT. CIRCUIT 1 SHOWN IN TERMINATED POSITION ONLY FOR PURPOSE OF DIMENSIONING TERMINATED HEIGHT POSITION.
 - TERMINAL PRE-TERMINATED HEIGHT. N=NUMBER OF CIRCUITS.
 - SEE APPLICATION SPEC AS-99033-010.
 - CONNECTOR DESIGNED TO RAST 2.5 STANDARD.

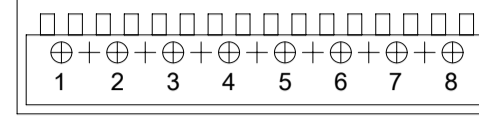
LAST INSPECTION NUMBER: 1

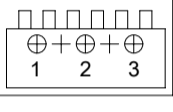
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: DOC TYPE UPDATED		molex	
DIMENSION UNITS	SCALE	EC NO: 608137			
mm	2:1	DRWN: AKABADI 2018/11/23		FLYING HEADER 5MM PITCH 0.22-0.38MM ² CABLE	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: TCLEARY 2018/12/10		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 0.5°	APPR: DRYAN 2018/12/11		DOCUMENT NUMBER	
4 PLACES	±	INITIAL REVISION:		934250001	
3 PLACES	±	DRWN: TJMURPHY 2016/03/21		DOC TYPE	
2 PLACES	± 0.05	APPR: BRUTTLE 2016/06/13		PSD	
1 PLACE	± 0.1	MATERIAL NUMBER		000	
0 PLACES	±	CUSTOMER		D	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
			A3-SIZE	93425	1 OF 2

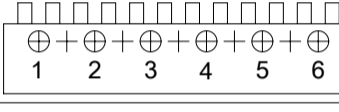
DOCUMENT STATUS	P1	RELEASE DATE	2018/12/11	17:38:17
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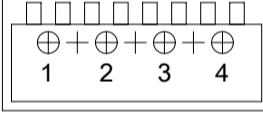
2 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-0001	93429-0301	NONE	
93425-0008	93429-0302	c d	

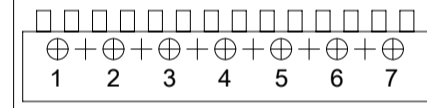
5 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-3001	93429-0901	NONE	

8 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-6001	93429-1501	NONE	

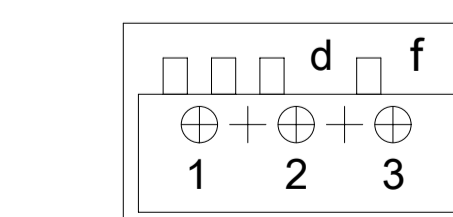
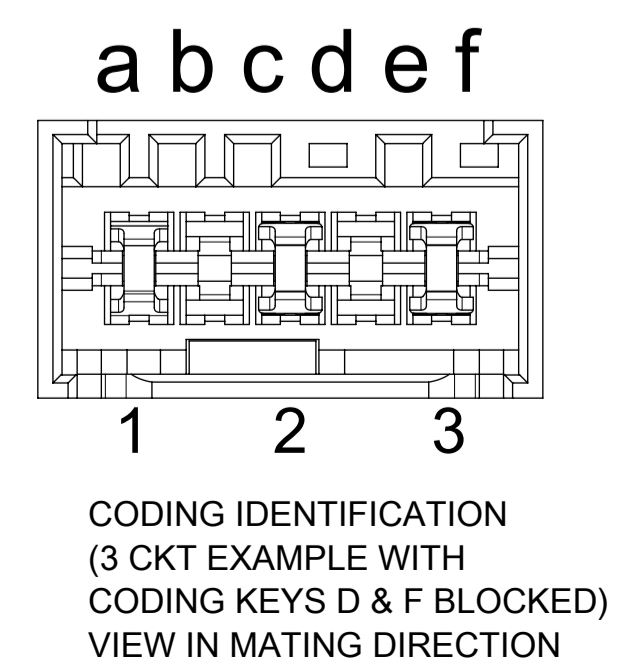
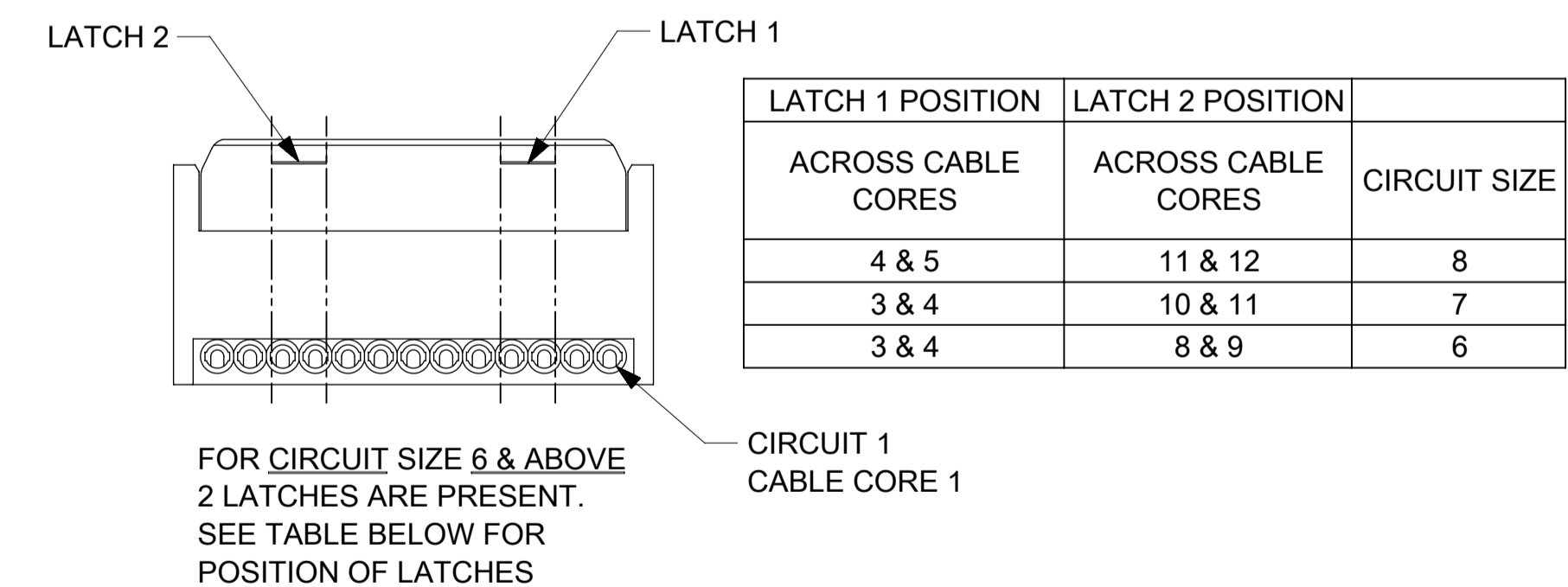
3 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-1001	93429-0501	NONE	

6 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-4001	93429-1101	NONE	


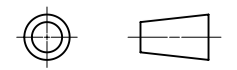
4 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-2001	93429-0701	NONE	

7 Circuit			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93425-5001	93429-1301	NONE	

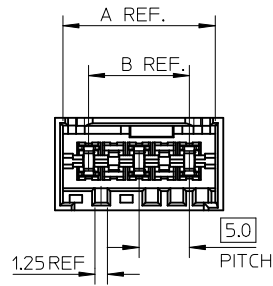
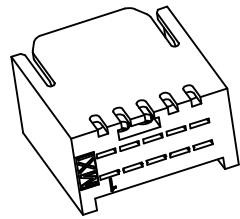
EXAMPLE CIRCUIT SIZE 7 SHOWN BELOW



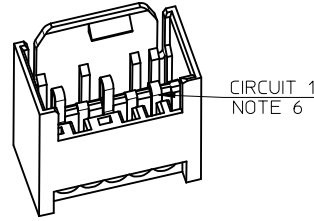
- NOTES:
- ⊕ DENOTES LOADED TERMINAL POSITION
⊖ DENOTES VOIDED TERMINAL POSITION
 - MOLEX HOUSING NUMBER FOR REFERENCE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS	SCALE	CURRENT REV DESC: DOC TYPE UPDATED								
mm	4:1	 WIRE TO WIRE HEADER ASSEMBLY FLYING HEADER 5MM PITCH 0.22-0.38MM2 CABLE PRODUCT CUSTOMER DRAWING								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL	± 0.5°									
4 PLACES	±									
3 PLACES	±									
2 PLACES	± 0.05	EC NO: 608137	2018/11/23		2018/12/10			2018/12/11		
1 PLACE	± 0.1	DRWN: AKABADI	2018/12/10		2018/12/11			2018/12/11		
0 PLACES	±	CHK'D: TCLEARY	2018/12/10		2018/12/11			2018/12/11		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER				
				A1-SIZE	93425	934250001		DOC TYPE	DOC PART	REVISION
				SEE CHARTS	GENERAL MARKET	PSD 000 D		SHEET NUMBER		
						2 OF 2				

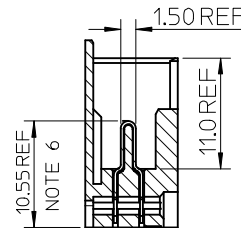
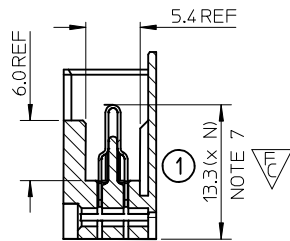
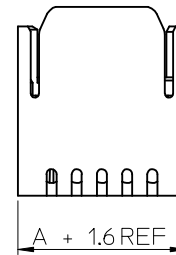
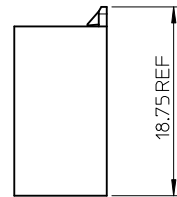
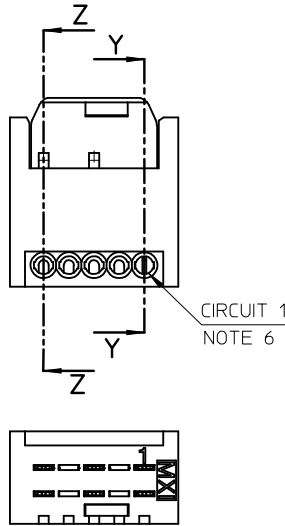
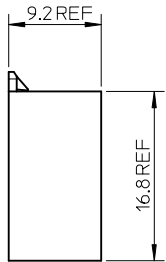
EM-93424-010



3 CIRCUIT CONNECTOR SHOWN



CKT	A	B
2	10.1	5.0
3	15.1	10.0
4	20.1	15.0
5	25.1	20.0
6	30.1	25.0
7	35.1	30.0
8	40.1	35.0
9	45.1	40.0
10	50.1	45.0



NOTES: SECTION Z-Z

- MATERIALS:
HOUSING: POLYAMIDE 66 (PA66)
UL94-V0. COLOUR NATURAL.
TERMINAL: COPPER ALLOY
PLATING: PRE PLATED HOT TIN DIP 4 - 7µm
- PRODUCT CONFORMS TO SPECIFICATION PS-99020-0090.
- MATES WITH RAST 2.5 APPLIMATE FEMALE CONNS.
- SEE PACKAGING PK-93422-001
- CONNECTOR DESIGNED FOR USE WITH PANEL 0.80MM TO 0.90MM THICKNESS.
- TERMINATED HEIGHT. CIRCUIT 1 SHOWN IN TERMINATED POSITION ONLY FOR PURPOSE OF DIMENSIONING TERMINATED HEIGHT POSITION.
- TERMINAL PRE-TERMINATED HEIGHT. N=NUMBER OF CIRCUITS.
- SEE APPLICATION SPEC AS-99033-010.
- CONNECTOR DESIGNED TO RAST 2.5 STANDARD.

LAST INSPECTION NUMBER: 16

Original Release EC NO: IPG2015-0156 DRW:MSHANAHAN 2014/08/25 CHKD:CMONAHAN 2014/10/14 APPR:MSHANAHAN 2014/11/06	QUALITY SYMBOLS FC = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY MSHANAHAN	DATE 2013/02/01	TITLE VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH		
		4 PLACES	± ---	± ---	CHECKED BY CMONAHAN	DATE 2014/10/14	molex DOCUMENT NO. SD-93725-001 SHEET NO. 1 OF 3		
		3 PLACES	± ---	± ---	APPROVED BY MSHANAHAN	DATE 2014/11/06			
2 PLACES	± 0.05	± ---	MATERIAL NO.		SEE SHEETS 2+				
1 PLACE	± 0.10	± ---	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				
0 PLACE	± ---	± ---	ANGULAR ± .5 °						

2-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0001	93729-0301	NONE	
93725-0008	93729-0302	c, d	

4-CIRCUIT

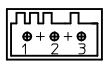
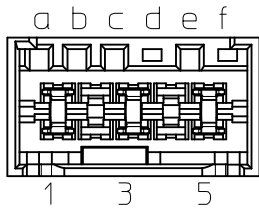
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0003	93729-0701	NONE	

3-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0002	93729-0501	NONE	

5-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0004	93729-0901	NONE	



CODING IDENTIFICATION
(3 CKT EXAMPLE WITH
CODING KEYS D AND F BLOCKED)
VIEW IN MATING DIRECTION

NOTES:

- ⊕ DENOTES LOADED TERMINAL POSITION
+ DENOTES VOIDED TERMINAL POSITION
- MOLEX HOUSING NUMBER FOR REFERENCE ONLY

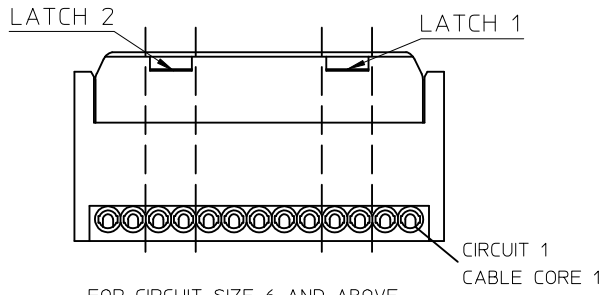
SEE SHEET 1 EC NO: IPG2015-0156 DR: W/MSHANAHAN 2014/08/25 CHK'D: CMONAHAN APPR: MSHANAHAN 2014/11/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES	± ---	± ---	MSHANAHAN	2013/02/01	VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH		
		3 PLACES	± ---	± ---	CHECKED BY	DATE			
		2 PLACES	± 0.05	± ---	CMONAHAN	2014/10/14	<div style="text-align: center; font-size: 2em; font-weight: bold;">molex</div>		
1 PLACE	± 0.10	± ---	APPROVED BY	DATE					
0 PLACE	± ---	± ---	MSHANAHAN	2014/11/06	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± .5 °		SEE CHARTS		SD-93725-001		2 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SIZE A3					

6-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0005	93729-1101	NONE	

8-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0007	93729-1501	NONE	

7-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0006	93729-1301	NONE	

EXAMPLE CIRCUIT SIZE 7 SHOWN BELOW



FOR CIRCUIT SIZE 6 AND ABOVE
2 LATCHES ARE PRESENT.
SEE TABLE BELOW FOR
POSITION OF LATCHES

LATCH 1 POSITION ACROSS CABLE CORES	LATCH 2 POSITION ACROSS CABLE CORES	CIRCUIT SIZE
4 & 5	11 & 12	8
3 & 4	10 & 11	7
3 & 4	8 & 9	6

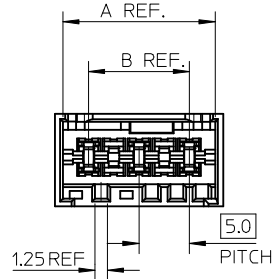
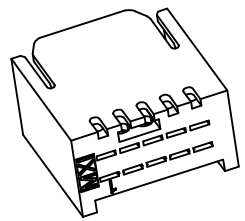
NOTES:

- ⊕ DENOTES LOADED TERMINAL POSITION
+ DENOTES VOIDED TERMINAL POSITION
- MOLEX HOUSING NUMBER FOR REFERENCE ONLY

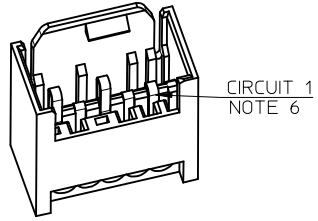
SEE SHEET 1 EC NO: IPG2015-0156 DRWN: MSHANAHAN 2014/08/25 CHKD: CMONAHAN 2014/10/14 APPR: MSHANAHAN 2014/11/06	DESCRIPTION QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.10 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY MSHANAHAN	DATE 2013/02/01	TITLE VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH					
		ANGULAR ± .5 °		CHECKED BY CMONAHAN	DATE 2014/10/14	MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MSHANAHAN		DATE 2014/11/06	DOCUMENT NO. SD-93725-001		SHEET NO. 3 OF 3		

SIZE **A3**
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

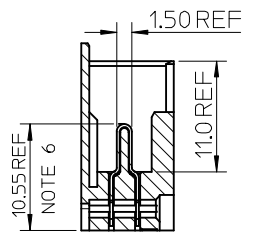
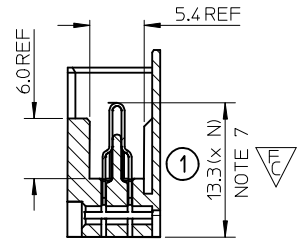
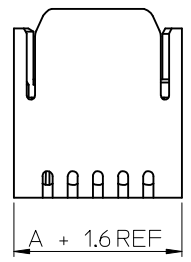
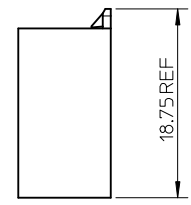
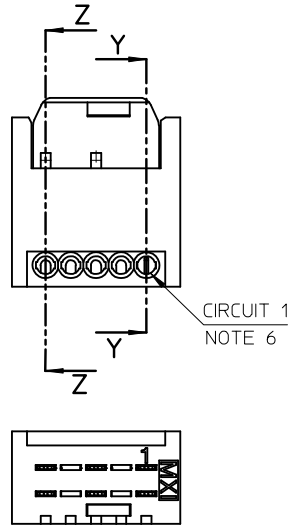
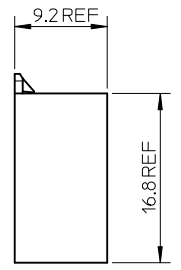
EM-93424-010



3 CIRCUIT CONNECTOR SHOWN



CKT	A	B
2	10.1	5.0
3	15.1	10.0
4	20.1	15.0
5	25.1	20.0
6	30.1	25.0
7	35.1	30.0
8	40.1	35.0
9	45.1	40.0
10	50.1	45.0



- NOTES:
- MATERIALS:
HOUSING: POLYAMIDE 66 (PA66)
UL94-V0. COLOUR NATURAL.
TERMINAL: COPPER ALLOY
PLATING: PRE PLATED HOT TIN DIP 4 - 7µm
 - PRODUCT CONFORMS TO SPECIFICATION PS-99020-0090.
 - MATES WITH RAST 2.5 APPLIMATE FEMALE CONNS.
 - SEE PACKAGING PK-93422-001
 - CONNECTOR DESIGNED FOR USE WITH PANEL 0.80MM TO 0.90MM THICKNESS.
 - TERMINATED HEIGHT. CIRCUIT 1 SHOWN IN TERMINATED POSITION ONLY FOR PURPOSE OF DIMENSIONING TERMINATED HEIGHT POSITION.
 - TERMINAL PRE-TERMINATED HEIGHT. N=NUMBER OF CIRCUITS.
 - SEE APPLICATION SPEC AS-99033-010.
 - CONNECTOR DESIGNED TO RAST 2.5 STANDARD.

LAST INSPECTION NUMBER: 16

Original Release EC NO: IPG2015-0156 DRW:MSHANAHAN 2014/08/25 CHKD:CMONAHAN 2014/10/14 APPR:MSHANAHAN 2014/11/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		FC = 1		MM ONLY		2:1	METRIC			
				DRAWN BY DATE					TITLE	
				4 PLACES ± --- ± ---						VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH
				3 PLACES ± --- ± ---						
2 PLACES ± 0.05 ± ---										
1 PLACE ± 0.10 ± ---										
0 PLACE ± --- ± ---										
ANGULAR ± .5 °		DRAWN BY DATE		DATE		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY DATE		DATE		SEE SHEETS 2+				
REV		APPROVED BY DATE		DATE		MATERIAL NO.				
A		MSHANAHAN 2014/11/06		2014/11/06		SD-93725-001				
		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.				
		SIZE A3				1 OF 3				

2-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0001	93729-0301	NONE	
93725-0008	93729-0302	c, d	

4-CIRCUIT

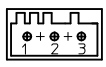
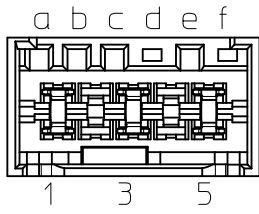
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0003	93729-0701	NONE	

3-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0002	93729-0501	NONE	

5-CIRCUIT

MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0004	93729-0901	NONE	



CODING IDENTIFICATION
 (3 CKT EXAMPLE WITH
 CODING KEYS D AND F BLOCKED)
 VIEW IN MATING DIRECTION

NOTES:

- ⊕ DENOTES LOADED TERMINAL POSITION
 + DENOTES VOIDED TERMINAL POSITION
- MOLEX HOUSING NUMBER FOR REFERENCE ONLY

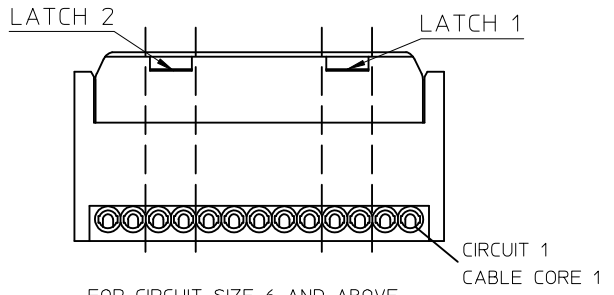
SEE SHEET 1 EC NO: IPG2015-0156 DR: W/MSHANAHAN 2014/08/25 CHK'D: CMONAHAN APPR: MSHANAHAN 2014/11/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES	± ---	± ---	MSHANAHAN	2013/02/01	VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH		
		3 PLACES	± ---	± ---	CHECKED BY	DATE			
		2 PLACES	± 0.05	± ---	CMONAHAN	2014/10/14	<div style="text-align: center; font-size: 2em; font-weight: bold;">molex</div>		
1 PLACE	± 0.10	± ---	APPROVED BY	DATE					
0 PLACE	± ---	± ---	MSHANAHAN	2014/11/06	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± .5 °		SEE CHARTS		SD-93725-001		2 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SIZE A3					

6-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0005	93729-1101	NONE	

8-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0007	93729-1501	NONE	

7-CIRCUIT			
MOLEX PART NO.	MOLEX HSG PART NO.	BLOCKED POSITION KEYS	CONFIGURATION (SEE NOTES)
93725-0006	93729-1301	NONE	

EXAMPLE CIRCUIT SIZE 7 SHOWN BELOW



FOR CIRCUIT SIZE 6 AND ABOVE
2 LATCHES ARE PRESENT.
SEE TABLE BELOW FOR
POSITION OF LATCHES

LATCH 1 POSITION ACROSS CABLE CORES	LATCH 2 POSITION ACROSS CABLE CORES	CIRCUIT SIZE
4 & 5	11 & 12	8
3 & 4	10 & 11	7
3 & 4	8 & 9	6

NOTES:

- ⊕ DENOTES LOADED TERMINAL POSITION
+ DENOTES VOIDED TERMINAL POSITION
- MOLEX HOUSING NUMBER FOR REFERENCE ONLY

SEE SHEET 1 EC NO: IPG2015-0156 DRWN:MSHANAHAN 2014/08/25 CHKD:CMONAHAN 2014/10/14 APPR:MSHANAHAN 2014/11/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DESCRIPTION	mm	INCH	DRAWN BY MSHANAHAN	DATE 2013/02/01	TITLE VO FLYING HEADER ASSY 0.22 TO 0.38 WIRE 5MM PITCH
		4 PLACES ± ---	± ---	CHECKED BY CMONAHAN	DATE 2014/10/14	
		3 PLACES ± ---	± ---	APPROVED BY MSHANAHAN	DATE 2014/11/06	
A	REV	0 PLACE ± ---	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± .5 °	SEE CHARTS		SD-93725-001
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						