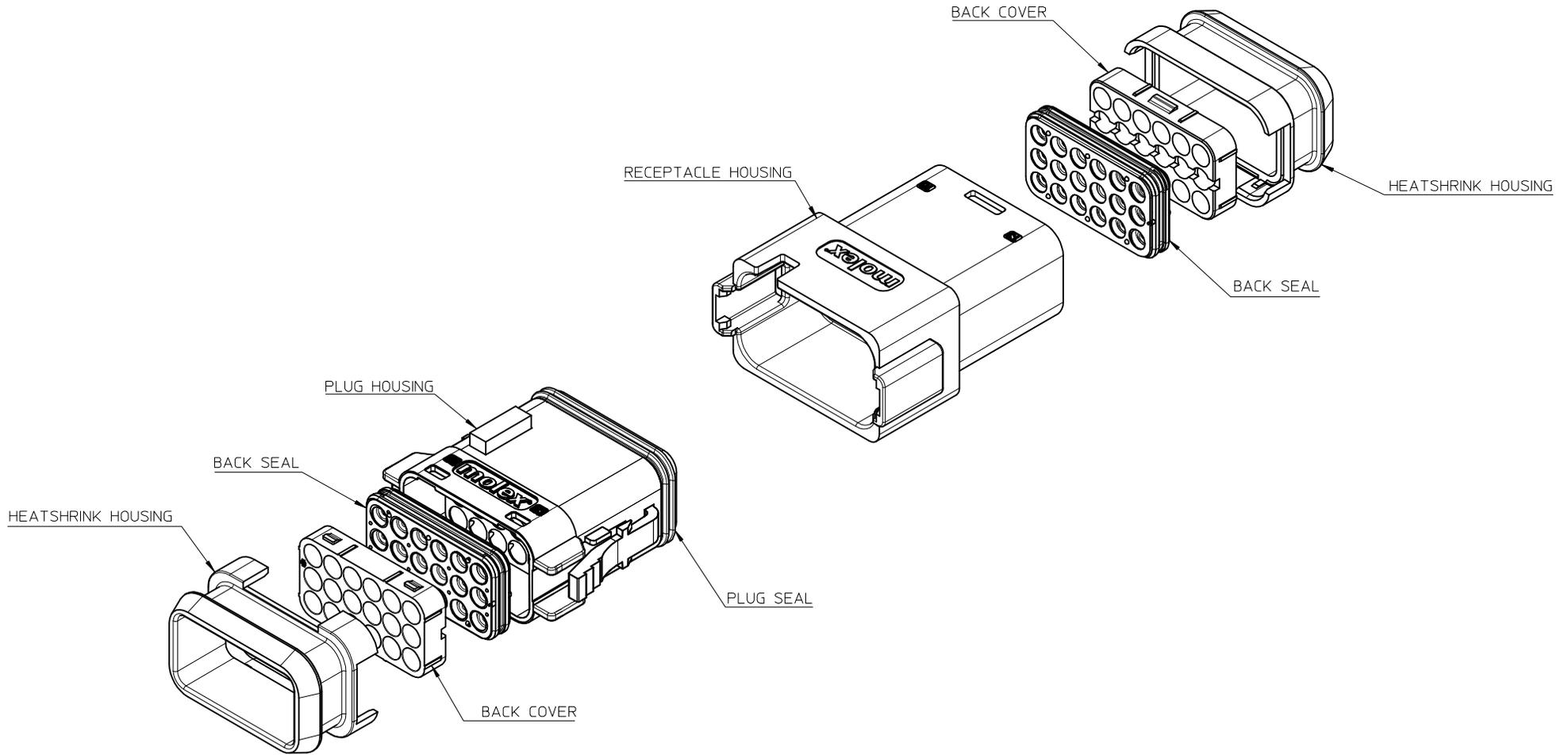


EM-93444-0070



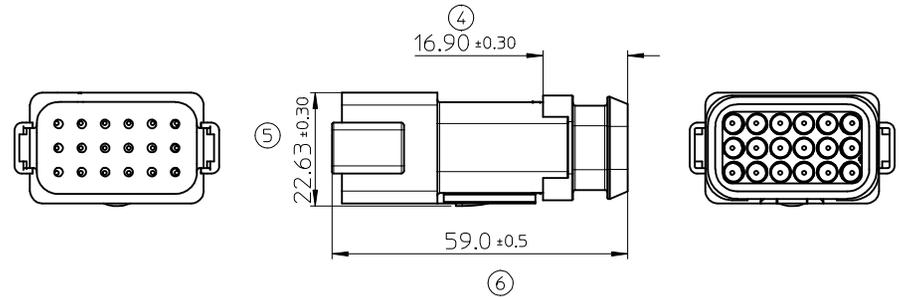
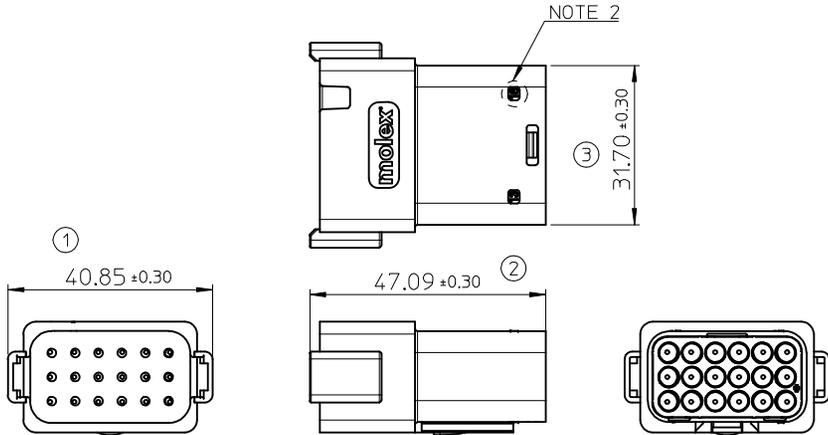
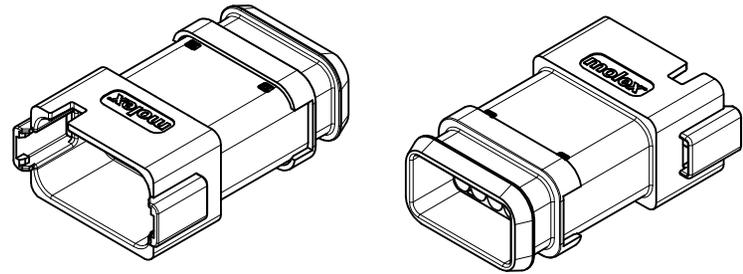
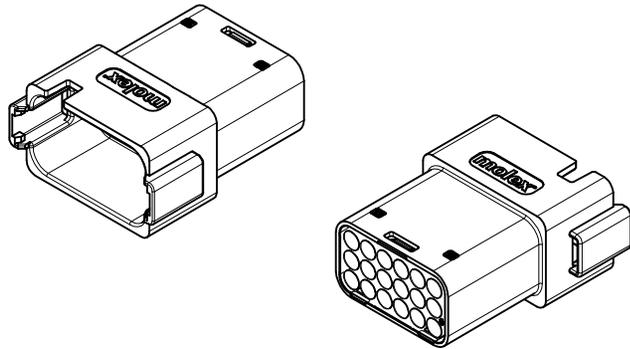
NOTES
 1. SEE SHEET 2 TO 7 FOR UNSPECIFIED NOTES, DIMENSIONS AND PART NUMBERS

PROPOSED EC NO: DRWN: JFLETCHER CHKD: APPR: JWALLACE REV 1	DESCRIPTION 2014/04/23 2014/11/18	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.10</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.10	± ---	1 PLACE	± 0.20	± ---	0 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY	SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																						
	4 PLACES	± ---	± ---																						
	3 PLACES	± ---	± ---																						
2 PLACES	± 0.10	± ---																							
1 PLACE	± 0.20	± ---																							
0 PLACE	± ---	± ---																							
			DRAWN BY JFLETCHER	DATE 2014/04/23	TITLE 18CCT ML-XT CV CONNECTOR																				
			CHECKED BY	DATE	APPROVED BY JWALLACE																				
			MATERIAL NO. SEE NOTES		DATE 2014/11/18	DOCUMENT NO. SD-93443-007	SHEET NO. 1 OF 7																		

10 9 8 7 6 5 4 3 2 1

18CCT RECEPTACLE CONNECTOR

18CCT RECEPTACLE CONNECTOR WITH HEATSHRINK HOUSING ULTRASONICALLY WELDED IN PLACE

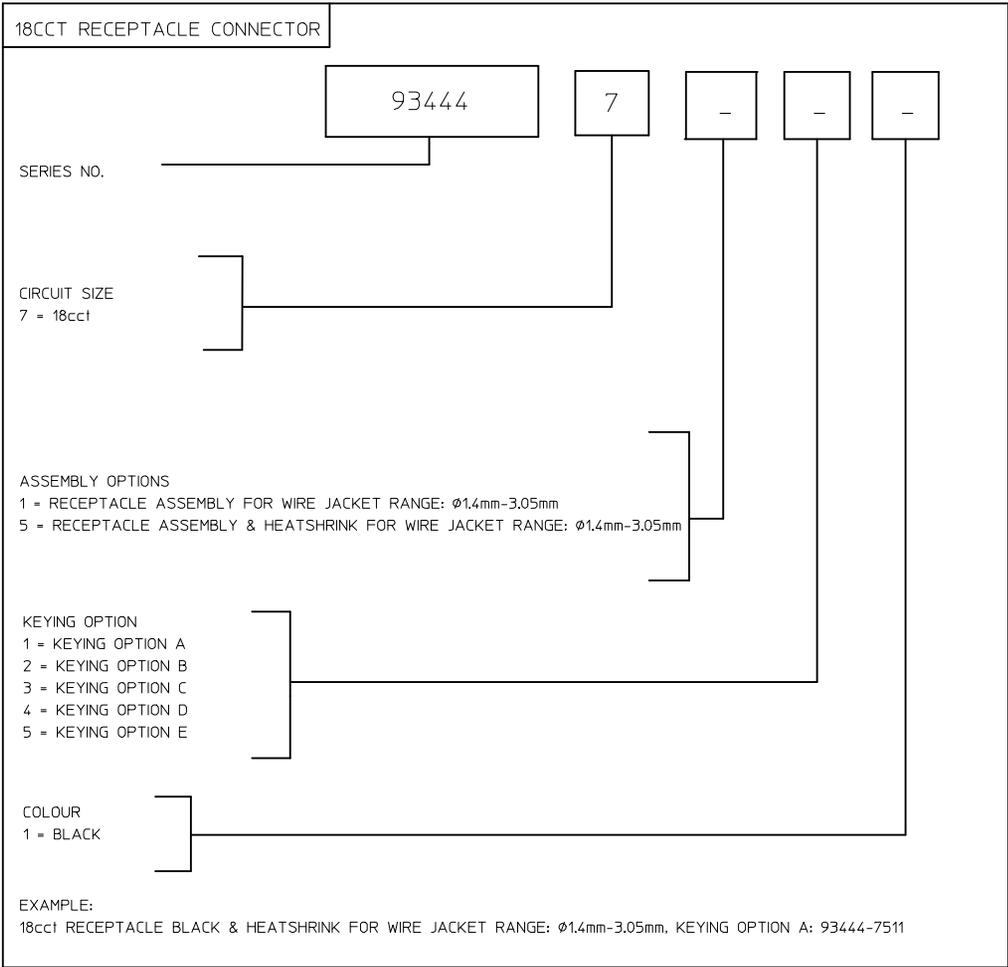
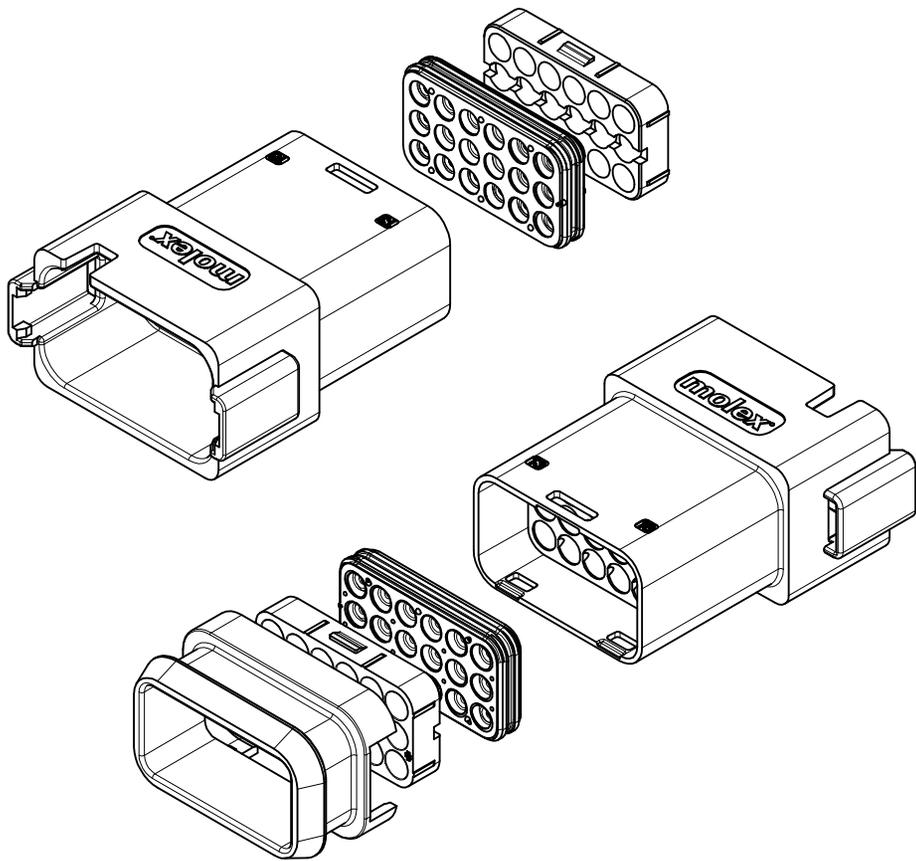


NOTES

1. MATERIAL
HOUSING: NYLON 30% GLASS FILLED
BACK SEAL: RUBBER
 2. CIRCUIT IDENTIFICATION
 3. CABLE JACKET RANGE ϕ 1.4MM TO 3.05MM
 4. SEE SHEET 3 FOR FINAL PART NUMBER DESIGNATION
 5. SEE PS-93443-001 FOR PRODUCT SPECIFICATION
 6. SEE PK-93443-001 FOR PACKAGING SPECIFICATION
- INSPECTION NUMBERS 1-50 RESERVED FOR SHEET 2
LAST INSPECTION NUMBER: 6

SEE SHEET 1	EC NO:	2014/04/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWN:	JFLETCHER		mm	INCH	MM ONLY	1:1	METRIC	18CCT ML-XT CV CONNECTOR		
	CHKD:			4 PLACES	± ---	± ---	DRAWN BY	DATE			TITLE
	APPR:	JWALLACE		3 PLACES	± ---	± ---	JFLETCHER	2014/04/23	DATE		
REV	DESCRIPTION	1	2 PLACES	± 0.10	± ---	APPROVED BY	DATE	SD-93443-007		SHEET NO. 2 OF 7	
		1 PLACE	± 0.20	± ---	JWALLACE	2014/11/18	DOCUMENT NO.				
		0 PLACE	± ---	± ---	MATERIAL NO.		SEE NOTES		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				ANGULAR ± .5 °		SIZE					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3					

9 8 7 6 5 4 3 2 1



NOTES
 1. SEE SHEET 2 FOR UNSPECIFIED NOTES AND DIMENSIONS
 2. BACK SEAL COLOUR: BURNT ORANGE
 3. PLEASE CONTACT MOLEX REGARDING HEATSHRINK HOUSINGS

SEE SHEET 1	EC NO:	2014/04/23	DESCRIPTION	QUALITY SYMBOLS $\nabla=0$ $\triangle=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWN:	JFLETCHER			mm	INCH	MM ONLY	1.5:1	METRIC		
	CHKD:				4 PLACES	\pm ---	\pm ---	DRAWN BY	DATE	TITLE	18CCT ML-XT CV CONNECTOR
	APPR:	JWALLACE			3 PLACES	\pm ---	\pm ---	JFLETCHER	2014/04/23	2014/04/23	
REV	1	2014/11/18	1 PLACE	\pm 0.10	\pm ---	APPROVED BY	DATE	DOCUMENT NO.	SD-93443-007		
			0 PLACE	\pm 0.20	\pm ---	JWALLACE	2014/11/18	SHEET NO.		3 OF 7	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					ANGULAR \pm .5 °		SEE NOTES		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

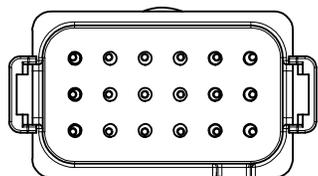
KEYING OPTION A

KEYING OPTION B

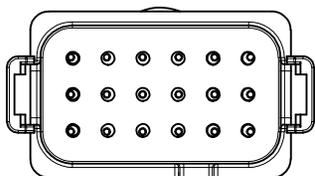
KEYING OPTION C

KEYING OPTION D

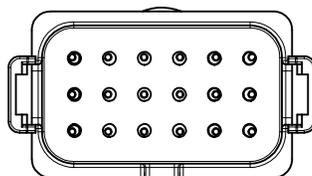
KEYING OPTION E



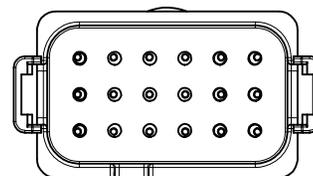
4.7 REF



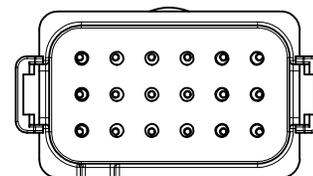
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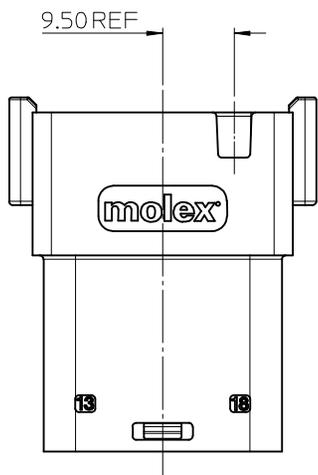
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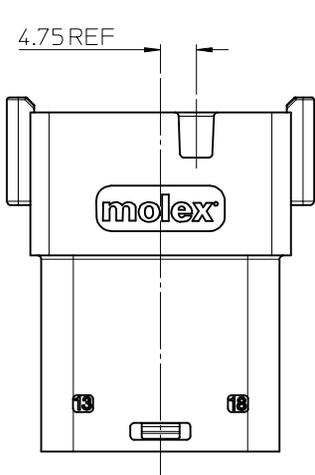
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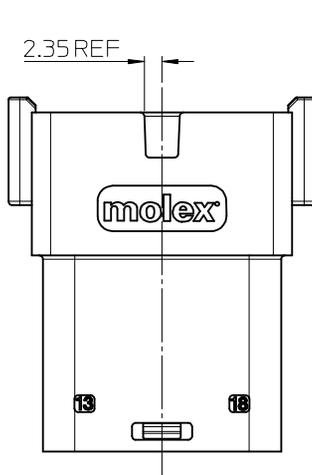
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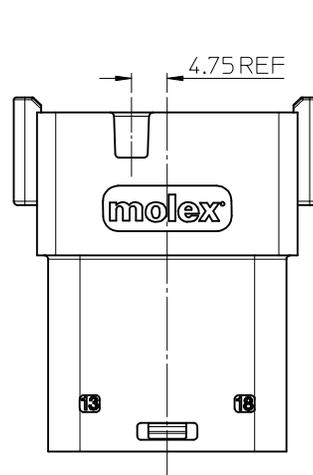
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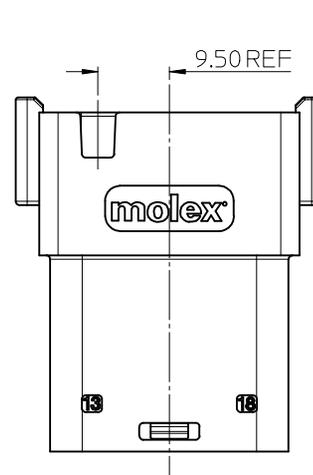
4.75 REF



2.35 REF



4.75 REF



9.50 REF

NOTES
1. SEE SHEETS 2 & 3 FOR UNSPECIFIED NOTES AND DIMENSIONS

SEE SHEET 1

EC NO: DRWN: JFLETCHER 2014/04/23
CHKD: APPR: JWALLACE 2014/11/18

REV	DESCRIPTION
1	

QUALITY SYMBOLS

▽=0
∇=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± ---	± ---

ANGULAR ± .5 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: JFLETCHER
DATE: 2014/04/23
CHECKED BY: DATE:

APPROVED BY: JWALLACE
DATE: 2014/11/18

MATERIAL NO. SEE SHEET 5

SIZE: A3

SCALE
1.5:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
18CCT ML-XT CV CONNECTOR

molex

DOCUMENT NO. SD-93443-007

SHEET NO. 4 OF 7

9 8 7 6 5 4 3 2 1

10

9

8

7

6

5

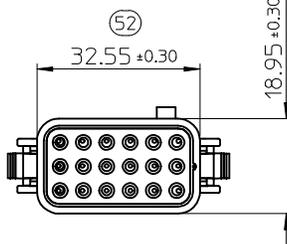
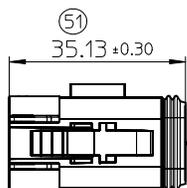
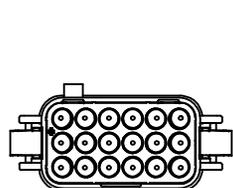
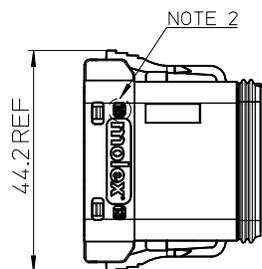
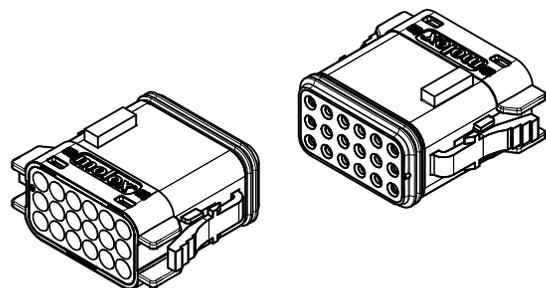
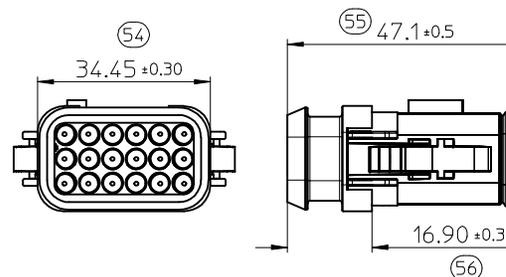
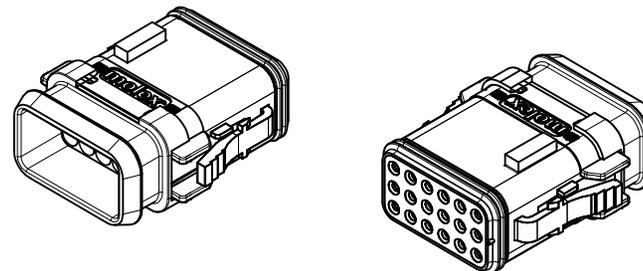
4

3

2

1

18CCT PLUG CONNECTOR

18CCT PLUG CONNECTOR WITH
HEATSHRINK HOUSING ULTRASONICALLY
WELDED IN PLACE

NOTES

1. MATERIAL

HOUSING: NYLON 30% GLASS FILLED
PLUG SEAL: SILICONE
BACK SEAL: RUBBER

2. CIRCUIT IDENTIFICATION

3. CABLE JACKET RANGE \varnothing 1.4MM TO 3.05MM

4. SEE SHEET 6 FOR FINAL PART NUMBER DESIGNATION

INSPECTION NUMBERS 51-100 RESERVED FOR SHEET 5

LAST INSPECTION NUMBER: 56

SEE SHEET 1	EC NO:	2014/04/23
	DRWN:	JFLETCHER
	CHKD:	
APPR:	JWALLACE	2014/11/18
REV	DESCRIPTION	

QUALITY SYMBOLS
$\nabla=0$
$\triangle=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH	
	4 PLACES	± ---	± ---
	3 PLACES	± ---	± ---
	2 PLACES	± 0.10	± ---
	1 PLACE	± 0.20	± ---
	0 PLACE	± ---	± ---
ANGULAR $\pm .5^\circ$			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
JFLETCHER	2014/04/23
CHECKED BY	DATE
APPROVED BY	DATE
JWALLACE	2014/11/18
MATERIAL NO.	
SEE NOTES	
SIZE	A3

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 18CCT ML-XT CV CONNECTOR		
DOCUMENT NO. SD-93443-007		SHEET NO. 5 OF 7
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9

8

7

6

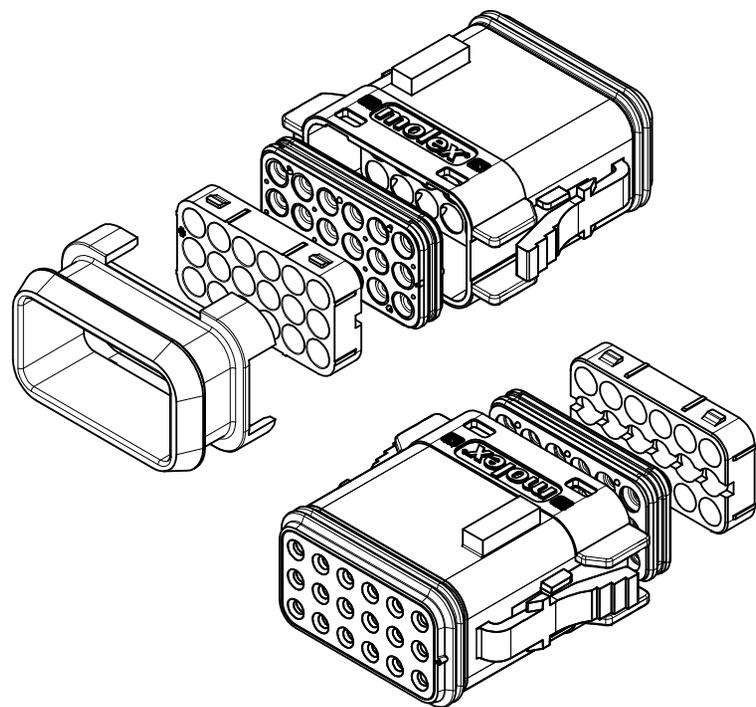
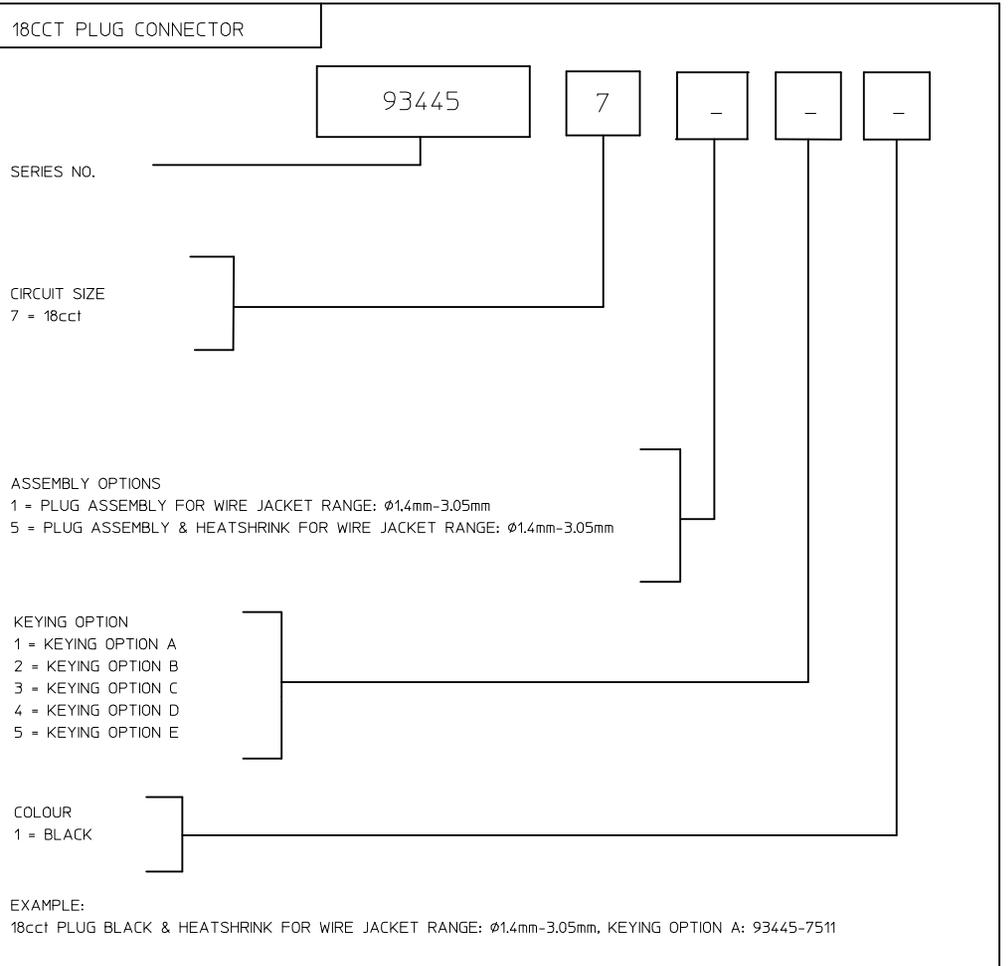
5

4

3

2

1



- NOTES
- SEE SHEET 5 FOR UNSPECIFIED NOTES AND DIMENSIONS
 - BACK SEAL COLOUR: BURNT ORANGE
 - PLEASE CONTACT MOLEX REGARDING HEATSHRINK HOUSINGS

SEE SHEET 1	EC NO:	2014/04/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWN:	JFLETCHER		mm	INCH	MM ONLY	1.5:1	METRIC	TITLE 18CCT ML-XT CV CONNECTOR		
	CHKD:			4 PLACES	\pm ---	\pm ---	DRAWN BY	DATE			
	APPR:	JWALLACE		3 PLACES	\pm ---	\pm ---	JFLETCHER	2014/04/23	CHECKED BY		DATE
REV	1	DESCRIPTION	2 PLACES	\pm 0.10	\pm ---	APPROVED BY		DATE	DOCUMENT NO. SD-93443-007		
			1 PLACE	\pm 0.20	\pm ---	JWALLACE	2014/11/18	MATERIAL NO.			
			0 PLACE	\pm ---	\pm ---	SEE NOTES				6 OF 7	
			ANGULAR \pm .5 °		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		

10 9 8 7 6 5 4 3 2 1

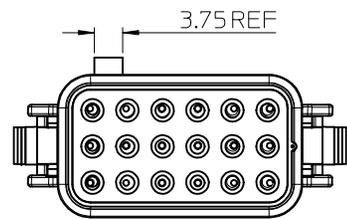
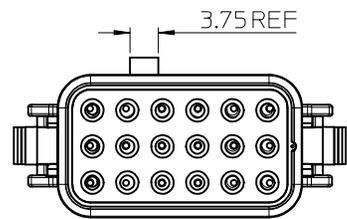
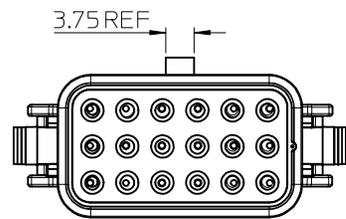
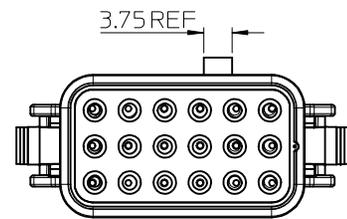
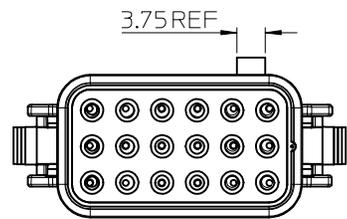
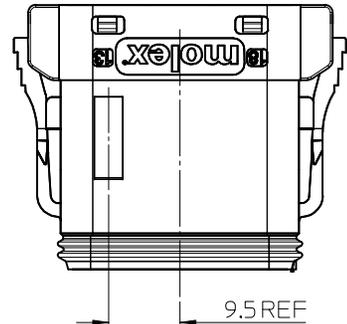
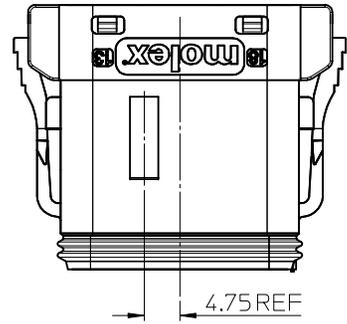
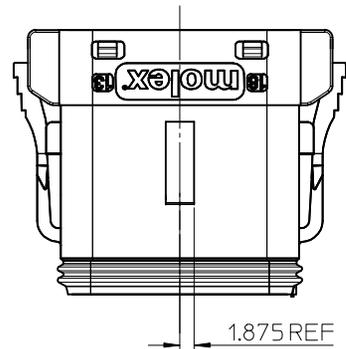
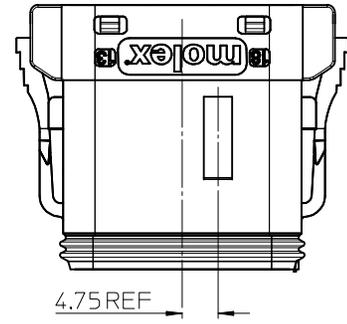
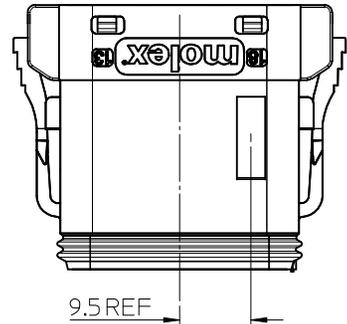
KEYING OPTION A

KEYING OPTION B

KEYING OPTION C

KEYING OPTION D

KEYING OPTION E



NOTES
 1. SEE SHEETS 5 & 6 FOR UNSPECIFIED NOTES AND DIMENSIONS

SEE SHEET 1
 EC NO: DRWN: JFLETCHER 2014/04/23
 CHKD: APPR: JWALLACE 2014/11/18

REV	DESCRIPTION
1	

QUALITY SYMBOLS	= 0
	= 0
	GENERAL TOLERANCES (UNLESS SPECIFIED)
	mm INCH
	4 PLACES ± --- ± ---
3 PLACES ± --- ± ---	
2 PLACES ± 0.10 ± ---	
1 PLACE ± 0.20 ± ---	
0 PLACE ± --- ± ---	
ANGULAR ± .5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY JFLETCHER	DATE 2014/04/23
CHECKED BY	DATE
APPROVED BY JWALLACE	DATE 2014/11/18
MATERIAL NO.	
SEE SHEET 6	
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 18CCT ML-XT CV CONNECTOR		
DOCUMENT NO. SD-93443-007		SHEET NO. 7 OF 7



9 8 7 6 5 4 3 2 1