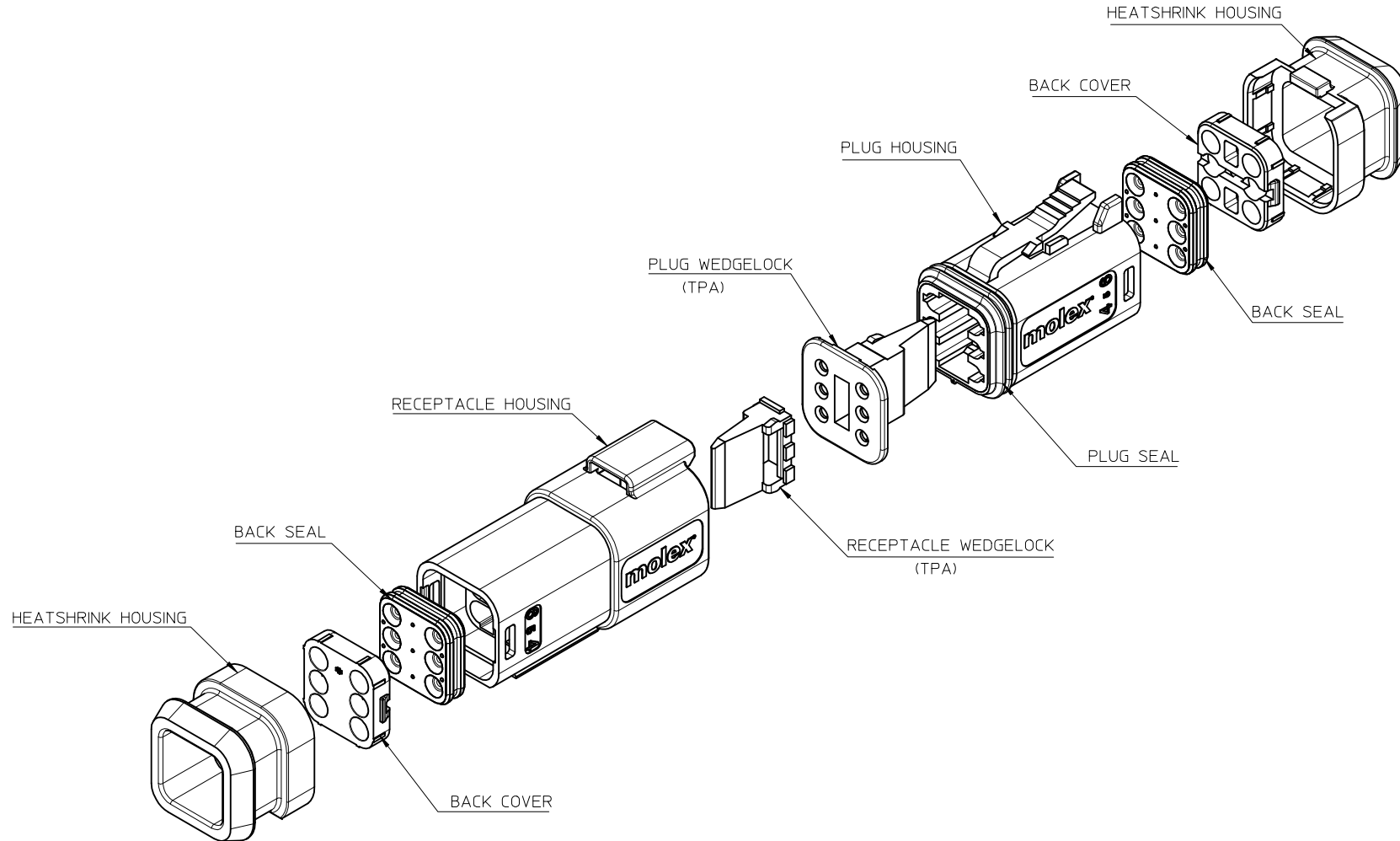


EM-93444-0040



NOTES

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

PROPOSED EC NO: IPG2015-1216 DRWN: JFLETCHER CHKD: APPR: JWALLACE	DESCRIPTION 2015/01/06 2015/01/12	QUALITY SYMBOLS <div>▽=0</div> <div>◻=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY JFLETCHER	DATE 2014/04/23	TITLE 6CCT ML-XT CV CONNECTOR				
					CHECKED BY	DATE					
					APPROVED BY JWALLACE		DATE 2014/10/01	molex			
					MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTES		SD-93443-004		1 OF 7		
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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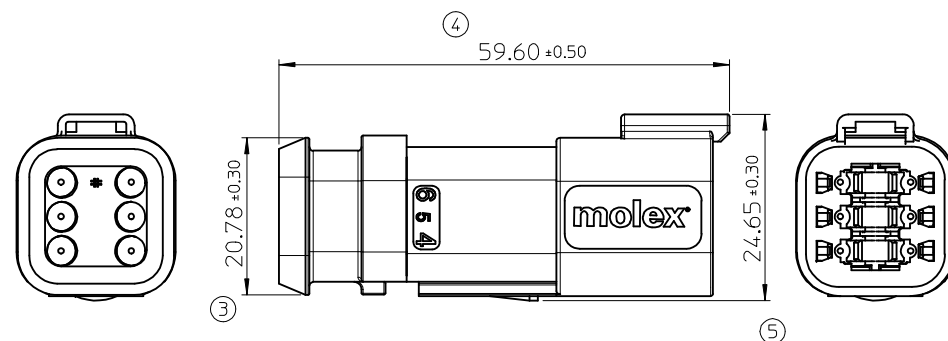
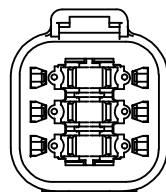
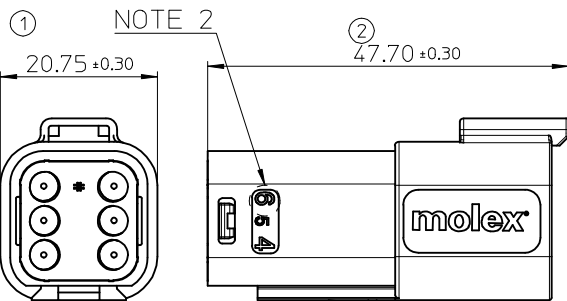
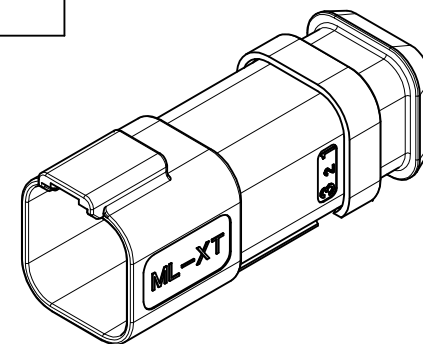
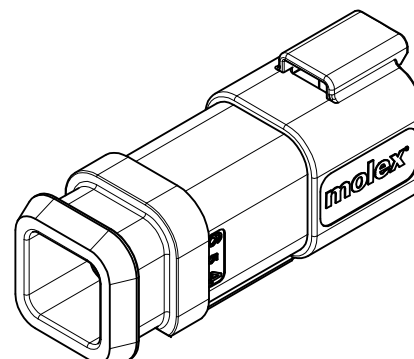
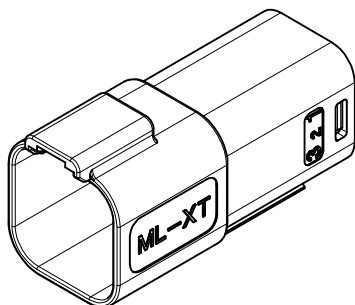
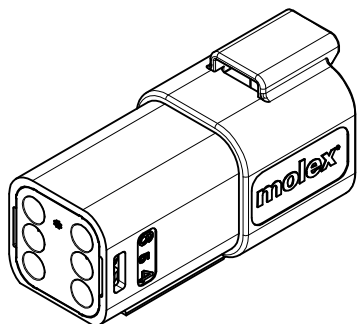
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1

6CCT RECEPTACLE CONNECTOR

6CCT RECEPTACLE CONNECTOR WITH
HEATSHRINK HOUSING ULTRASONICALLY
WELDED IN PLACE

NOTES

1. MATERIAL

HOUSING: NYLON 30%GF
SEAL: HIGH CONSISTENCY RUBBER

2. CIRCUIT IDENTIFICATION

3. JACKET RANGE LARGE = Ø2.7MM TO 3.6MM (SEAL COLOUR: LIGHT BLUE)
JACKET RANGE SMALL = Ø1.4MM TO 2.7MM (SEAL COLOUR: BURNT ORANGE)

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

LAST INSPECTION NUMBER: 5

INSPECTION NUMBERS 1-50 RESERVED FOR SHEET 2

SEE SHEET 1
EC NO: IPG2015-1216
DRWN: JFLETCHER 2015/01/06
CHKD: 2
APPR: J WALLACE 2015/01/12

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 J WALLACE DATE 2014/10/01
MATERIAL NO.

SEE NOTES

SCALE
1.5:1DESIGN UNITS
METRIC
 THIRD ANGLE
PROJECTION
TITLE
6CCT ML-XT CV CONNECTOR

molex

SD-93443-004

SHEET NO.

2 OF 7

6CCT RECEPTACLE CONNECTOR

93444

4

-

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SERIES NO.

CIRCUIT SIZE
4 = 6cct

ASSEMBLY OPTIONS

- 1 = RECEP ASSEMBLY FOR WIRE JACKET RANGE: ϕ 1.4mm-2.7mm (NOTE 2)
2 = RECEP ASSEMBLY FOR WIRE JACKET RANGE: ϕ 2.7mm-3.6mm (NOTE 2)
5 = RECEP ASSEMBLY & HEATSHR FOR WIRE JACKET RANGE: ϕ 1.4mm-2.7mm (NOTE 3)
6 = RECEP ASSEMBLY & HEATSHR FOR WIRE JACKET RANGE: ϕ 2.7mm-3.6mm (NOTE 3)

COLOUR

- 01=BLACK
02=GREY
03=GREEN
04=BLUE
05=YELLOW
06=WHITE
07=BROWN
08=ORANGE
09=RED



EXAMPLE:

6cct RECEP BLACK WITH LARGE SEAL AND HEATSHRINK 93444-4601

NOTES

1. SEE SHEET 2 FOR UNSPECIFIED NOTES AND DIMENSIONS
2. BACK COVER HOUSING COLOUR: BLACK
3. PLEASE CONTACT MOLEX REGARDING HEATSHRINK HOUSING HEATSHRINK HOUSING COLOUR: BLACK

SEE SHEET 1	EC NO: IPG2015-1216	DRWN: JFLETCHER	2015/01/06	CHKD:	APPR: JWALLACE	2015/01/12	REV

QUALITY SYMBOLS
 =0
 =0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

ANGULAR \pm .5 °DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

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

APPROVED BY	DATE
JWALLACE	2014/10/01
MATERIAL NO.	

SEE NOTES

SIZE
A3SCALE
1.5:1DESIGN UNITS
METRIC THIRD ANGLE
PROJECTIONTITLE
6CCT ML-XT CV CONNECTOR**molex**

DOCUMENT NO.

SD-93443-004

SHEET NO.

3 OF 7

10 9 8 7 6 5 4 3 2 1

F

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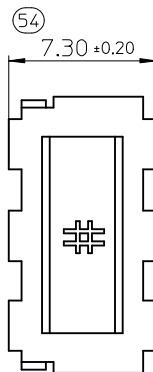
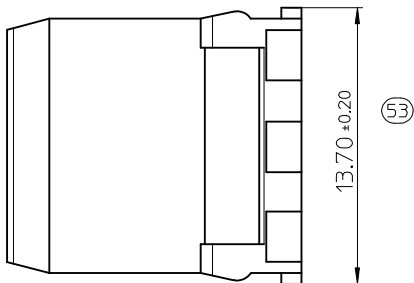
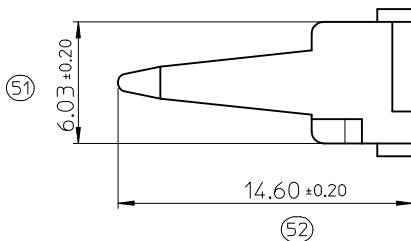
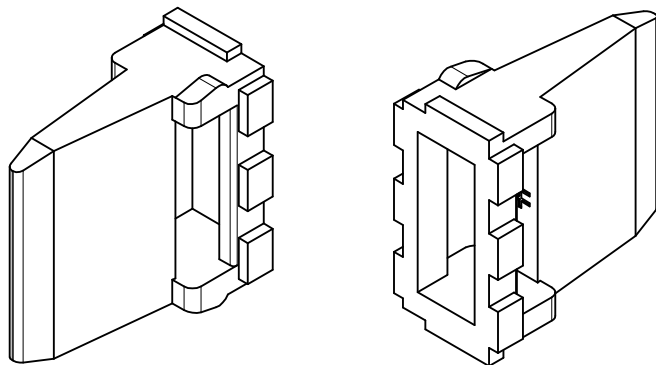
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6CCT RECEPTACLE WEDGELOCK			
SERIES NO.	93447	4	0
CIRCUIT SIZE	4 = 6cct		
COLOUR/CODING	03=GREEN		

NOTES

1. MATERIAL
HOUSING: NYLON 30% GF

2. INSPECTION NUMBERS 51-100
RESERVED FOR SHEET 4

LAST INSPECTION NUMBER 54

SEE SHEET 1 EC NO: IPG2015-1216 DRWN: JFLETCHER 2015/01/06 CHKD: APPR: JWALLACE 2015/01/12	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY JFLETCHER	DATE 2014/04/23	TITLE 6CCT ML-XT CV CONNECTOR				
					CHECKED BY	DATE					
					APPROVED BY JWALLACE	DATE 2014/10/01	molex				
			ANGULAR ± .5 °		MATERIAL NO.		DOCUMENT NO. SD-93443-004		SHEET NO. 4 OF 7		
			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

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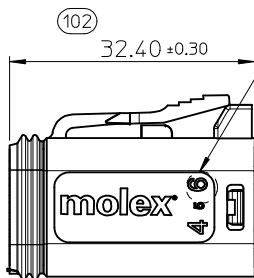
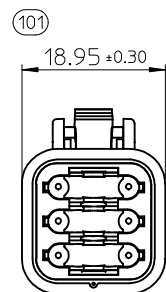
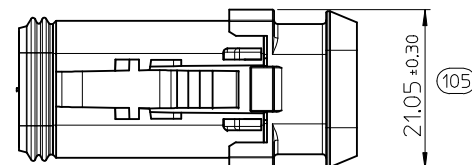
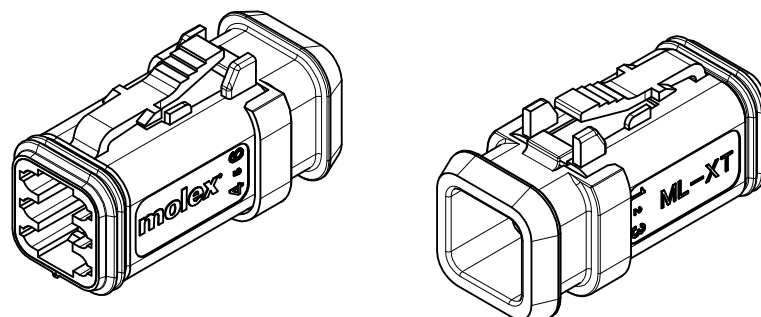
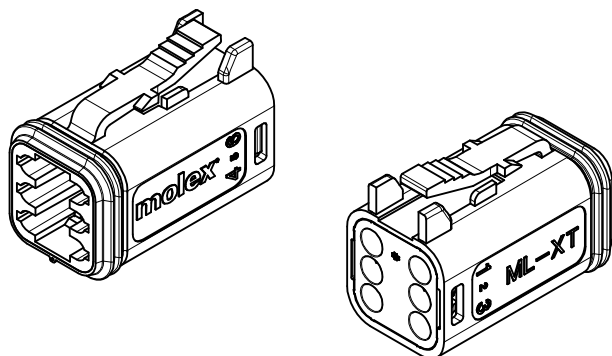
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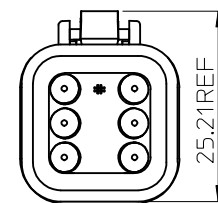
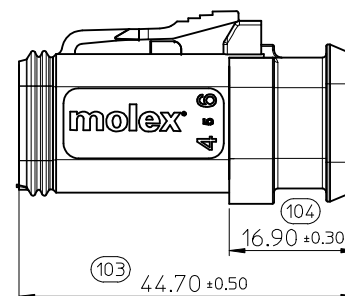
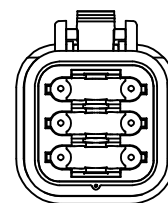
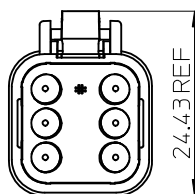
2

1

6CCT PLUG CONNECTOR

6CCT PLUG CONNECTOR WITH
HEATSHRINK HOUSING ULTRASONICALLY
WELDED IN PLACE

NOTE 2



NOTES

- MATERIAL:
HOUSING: NYLON 30% GF
PLUG SEAL: SILICONE RUBBER
BACK SEAL: HIGH CONSISTENCY RUBBER
- CIRCUIT IDENTIFICATION
- JACKET RANGE LARGE = $\phi 2.7\text{MM}$ TO 3.6MM (SEAL COLOUR: LIGHT BLUE)
JACKET RANGE SMALL = $\phi 1.4\text{MM}$ TO 2.7MM (SEAL COLOUR: BURNT ORANGE)
- SEE SHEET 6 FOR FINAL PART NUMBER DESIGNATION
- INSPECTION NUMBERS 101-150 RESERVED FOR SHEET 5
LAST INSPECTION NUMBER 105

REV	DESCRIPTION	DATE	BY	CHKD	APPR
2	SEE SHEET 1	2015/01/12	JWALLACE	2015/01/06	IPG2015-1216
	DRWN: JFLETCHER				
	CHKD:				
	APPR: JWALLACE				

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

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm \text{---}$	$\pm \text{---}$
3 PLACES	$\pm \text{---}$	$\pm \text{---}$
2 PLACES	± 0.10	$\pm \text{---}$
1 PLACE	± 0.20	$\pm \text{---}$
0 PLACE	$\pm \text{---}$	$\pm \text{---}$

ANGULAR $\pm .5^\circ$ DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

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

APPROVED BY	DATE
JWALLACE	2014/10/01

MATERIAL NO.

SEE NOTES

SIZE
A3SCALE
1.5:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTION

6CCT ML-XT CV CONNECTOR

molex

DOCUMENT NO.
SD-93443-004SHEET NO.
5 OF 7

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10 9 8 7 6 5 4 3 2 1

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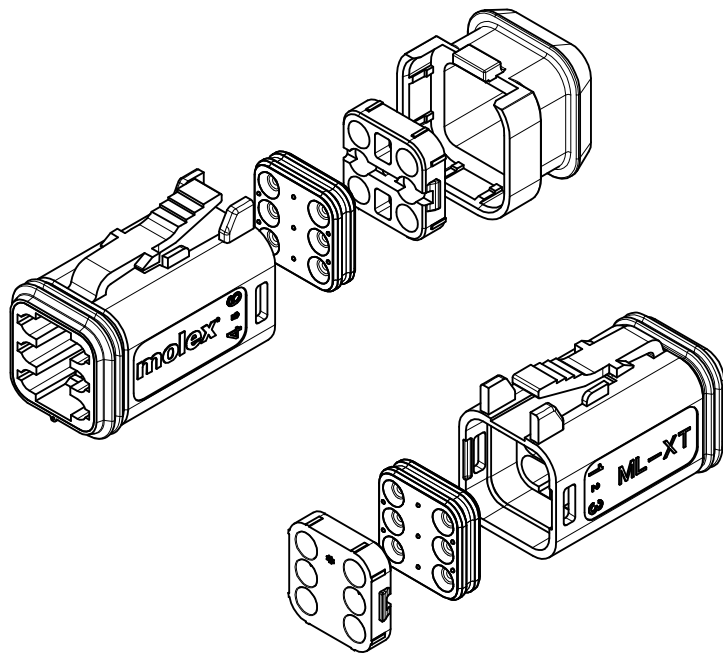
E

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A



6CCT PLUG CONNECTOR

SERIES NO.

93445

CIRCUIT SIZE
4 = 6cct

4

-

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ASSEMBLY OPTIONS

- 1 = PLUG ASSEMBLY FOR WIRE JACKET RANGE: $\phi 1.4\text{mm}$ - 2.7mm (NOTE 2)
- 2 = PLUG ASSEMBLY FOR WIRE JACKET RANGE: $\phi 2.7\text{mm}$ - 3.6mm (NOTE 2)
- 5 = PLUG ASSEMBLY & HEATSHR FOR WIRE JACKET RANGE: $\phi 1.4\text{mm}$ - 2.7mm (NOTE 3)
- 6 = PLUG ASSEMBLY & HEATSHR FOR WIRE JACKET RANGE: $\phi 2.7\text{mm}$ - 3.6mm (NOTE 3)

COLOUR

- 01=BLACK
- 02=GREY
- 03=GREEN
- 04=BLUE
- 05=YELLOW
- 06=WHITE
- 07=BROWN
- 08=ORANGE
- 09=RED

EXAMPLE:

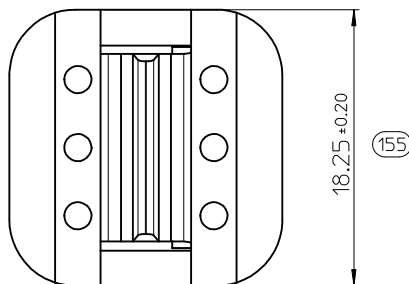
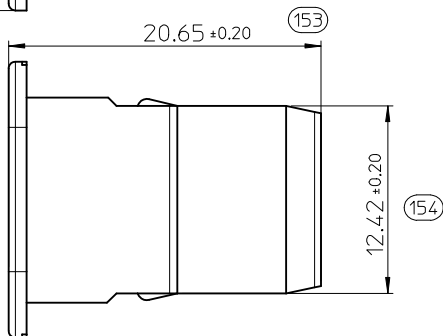
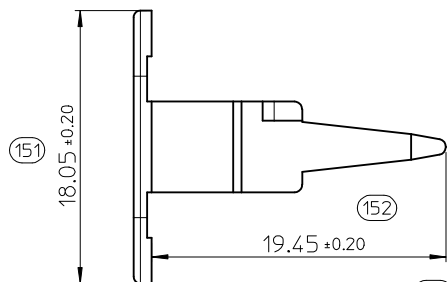
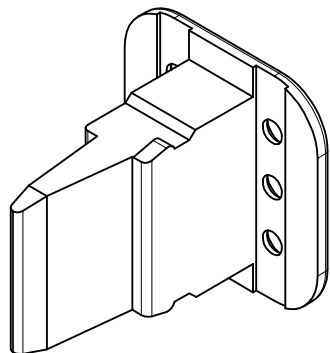
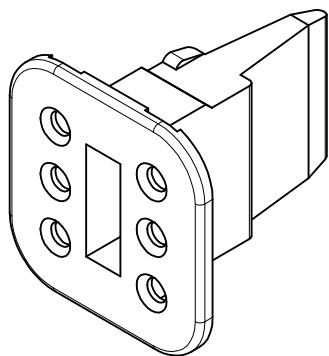
6cct PLUG BLACK WITH LARGE SEAL AND HEATSHRINK = 93445-4601

NOTES

- 1. SEE SHEET 5 FOR UNSPECIFIED NOTES AND DIMENSIONS
- 2. BACK COVER HOUSING COLOUR: BLACK
- 3. PLEASE CONTACT MOLEX REGARDING HEATSHRINK HOUSING HEATSHRINK HOUSING COLOUR: BLACK

SEE SHEET 1 EC NO: IPG2015-1216 DRWN: JFLETCHER CHKD: APPR: JWALLACE REV 2	DESCRIPTION 2015/01/06 2015/01/12	QUALITY SYMBOLS <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JFLETCHER	DATE 2014/04/23	TITLE 6CCT ML-XT CV CONNECTOR						
			4 PLACES	± ---	± ---	CHECKED BY	DATE							
			3 PLACES	± ---	± ---	APPROVED BY JWALLACE		DATE 2014/10/01	<div>molex</div>					
			2 PLACES	± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.						SHEET NO.
			1 PLACE	± 0.20	± ---	SEE NOTES		SD-93443-004						6 OF 7
			0 PLACE	± ---	± ---	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														

9 8 7 6 5 4 3 2 1



6CCT PLUG WEDGELOCK

SERIES NO.

93448

4

0

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CIRCUIT SIZE
4 = 6cct

COLOUR/CODING
03=GREEN

NOTES

1. MATERIAL

HOUSING: NYLON 30% GF

2. INSPECTION NUMBERS 151-200 RESERVED FOR SHEET 7



LAST INSPECTION NUMBER 155

SEE SHEET 1	EC NO: IPG2015-1216	2015/01/06
	DRWN: JFLETCHER	2015/01/06
2	CHKD:	
	APPR: JWALLACE	2015/01/12

REV	DESCRIPTION
1	QUALITY SYMBOLS
2	QUALITY SYMBOLS

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	DATE
JFLETCHER	2014/04/23
CHECKED BY	DATE
APPROVED BY	DATE
JWALLACE	2014/10/01
MATERIAL NO.	
SEE NOTES	

SCALE 3:1	DESIGN UNITS METRIC	
TITLE 6CCT ML-XT CV CONNECTOR		
		
DOCUMENT NO. SD-93443-004	SHEET NO. 7 OF 7	
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

molex