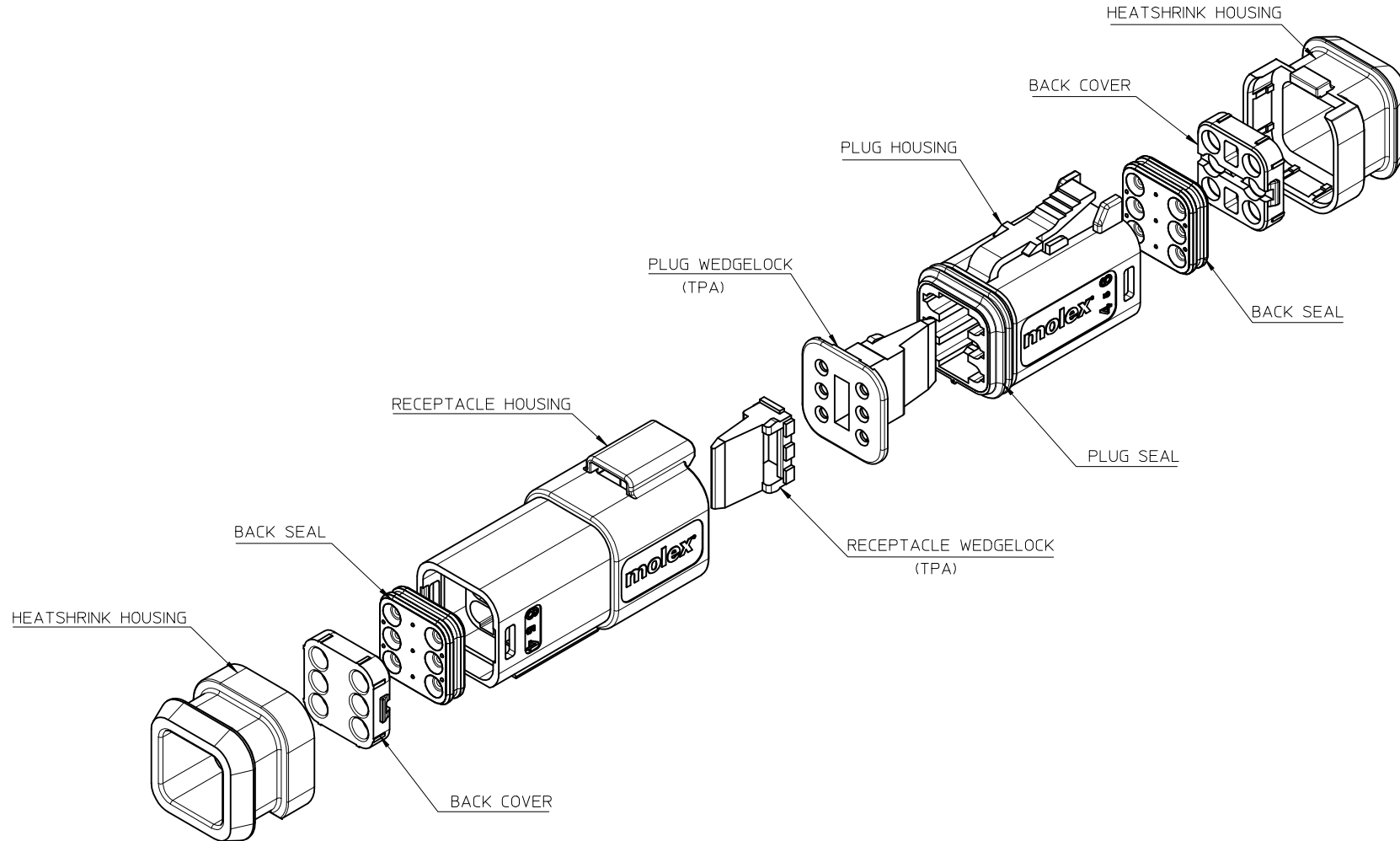


EM-93444-0040



NOTES

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

PROPOSED EC NO: IPG2015-1746 DRWN: JFLETCHER 2015/04/07 CHKD: APPR: JWALLACE 2015/07/16	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION							
						DRAWN BY DATE		TITLE 6CCT ML-XT CV CONNECTOR									
						JFLETCHER 2014/04/23											
						CHECKED BY DATE		molex									
						APPROVED BY DATE							SD-93443-004				
						JWALLACE 2014/10/01											
						MATERIAL NO.		DOCUMENT NO.									
						SEE NOTES		SHEET NO.									
					1 OF 7												

3

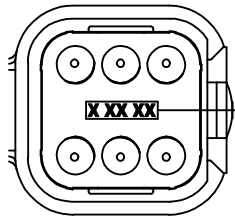
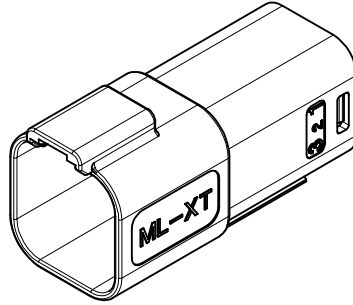
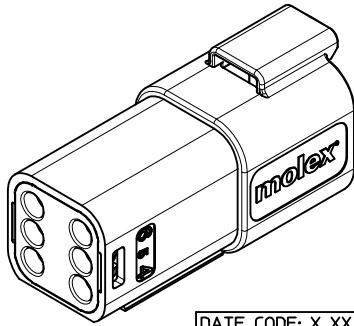
REV

SIZE

A3

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

6CCT RECEPTACLE CONNECTOR



DETAIL 1
(ROTATED 90°)

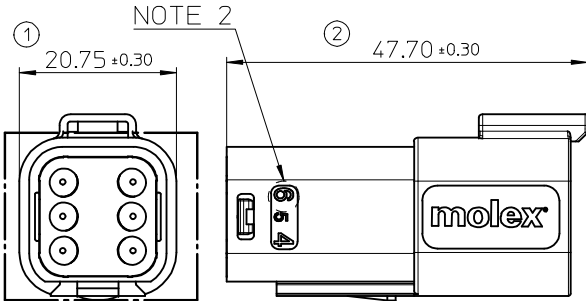
DATE CODE: X XX XX

X — DAY: 1 - 7

X — WEEK: 01 - 52

X — YEAR: 00 - 99

EXAMPLE: 11315 = DAY 1 OF WEEK 13 OF YEAR 15
i.e. 23rd OF MARCH 2015



DETAIL 1

NOTES

1. MATERIAL
HOUSING: NYLON 30%GF
SEAL: HIGH CONSISTENCY RUBBER
 2. CIRCUIT IDENTIFICATION
 3. JACKET RANGE LARGE = $\varnothing 2.7\text{MM}$ TO 3.6MM (SEAL COLOUR: LIGHT BLUE)
JACKET RANGE SMALL = $\varnothing 1.4\text{MM}$ 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: IPG2015-1746
DRWN: JFLETCHER 2015/04/07
CHKD:
APPR: J WALLACE 2015/07/16

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 ± 2 °		
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
1.5:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
6CCT ML-XT CV CONNECTOR

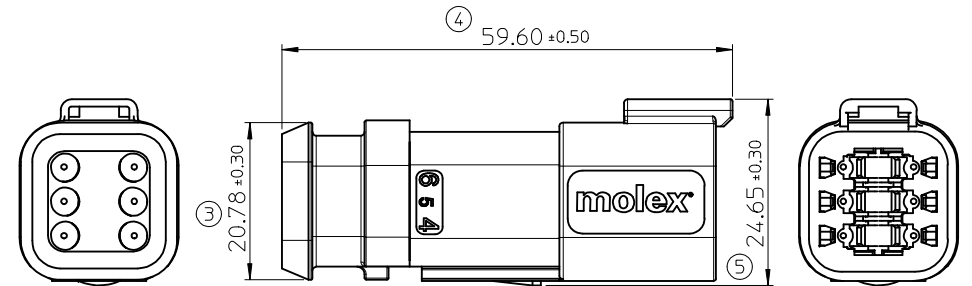
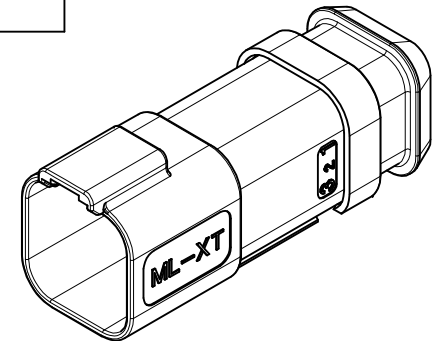
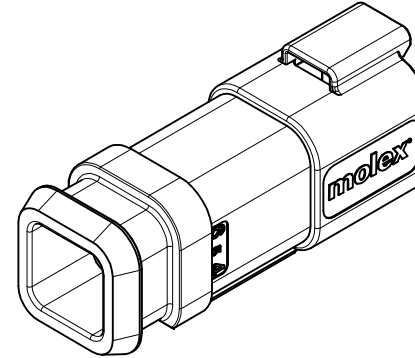
molex

SD-93443-004

SHEET NO.
2 OF 7

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

6CCT RECEPTACLE CONNECTOR WITH HEATSHRINK HOUSING ULTRASONICALLY WELDED IN PLACE



6CCT RECEPTACLE CONNECTOR

93444

4

-

--

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. HEATSHRINK HOUSING COLOUR: BLACK

SEE SHEET 1	EC NO: IPG2015-1746	DRWN: JFLETCHER	CHKD:	APPR: JWALLACE	2015/04/07	2015/07/16
					REV	DESCRIPTION

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 $\pm 2^\circ$ 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

SCALE
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

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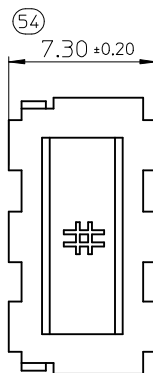
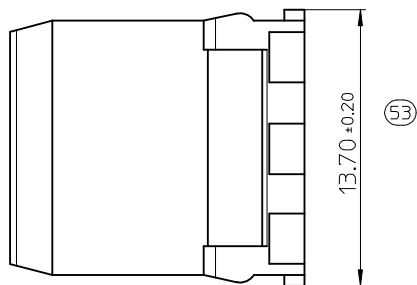
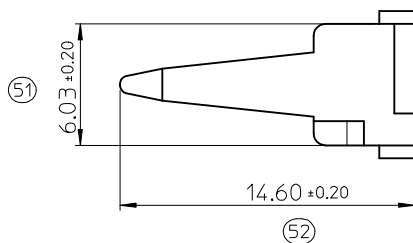
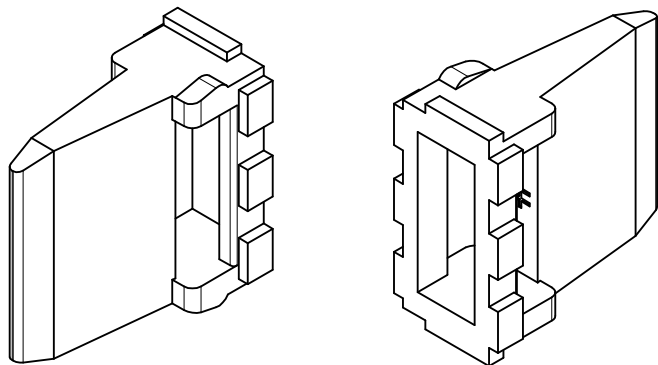
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6CCT RECEPTACLE WEDGELOCK

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: IPG2015-1746 DRWN: JFLETCHER 2015/04/07 CHKD: APPR: JWALLACE 2015/07/16	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	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	molex					
			2 PLACES	± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.						SHEET NO.
			1 PLACE	± 0.20	± ---	SEE NOTES		SD-93443-004						4 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

10

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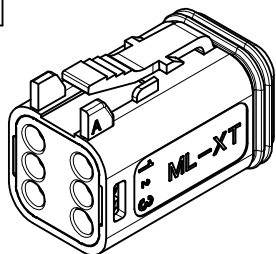
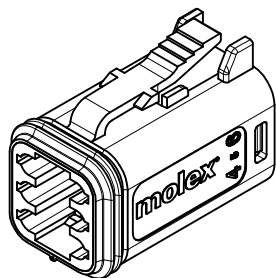
4

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1

6CCT PLUG CONNECTOR

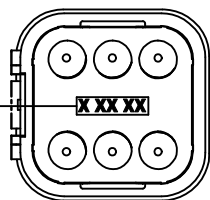
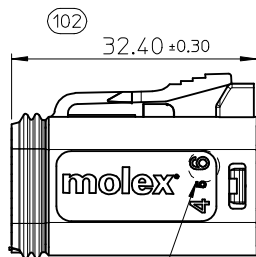
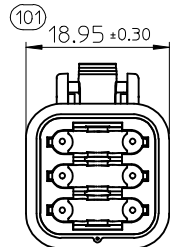


DATE CODE: X XX XX

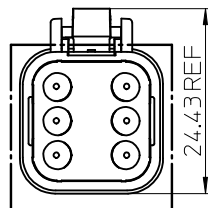
X — DAY: 1 - 7

X — WEEK: 01 - 52

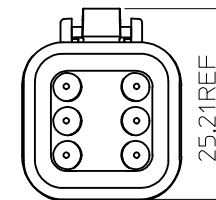
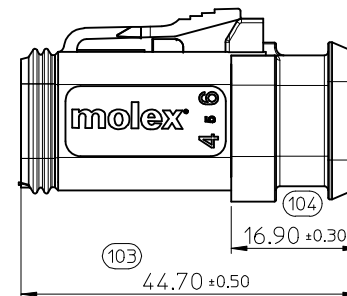
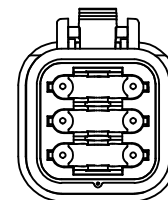
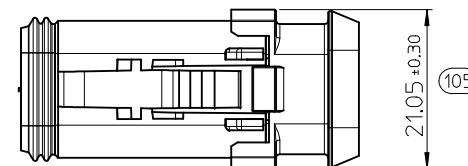
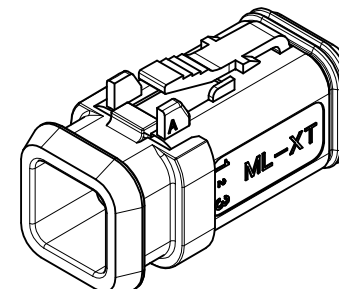
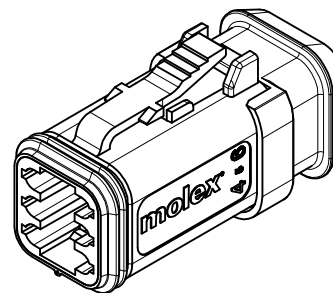
X — YEAR: 00 - 99

EXAMPLE: 11315 = DAY 1 OF WEEK 13 OF YEAR 15
i.e. 23rd OF MARCH 2015DETAIL 2
(ROTATED 90°)

NOTE 2



DETAIL 2

6CCT PLUG CONNECTOR WITH
HEATSHRINK HOUSING ULTRASONICALLY
WELDED IN PLACE

NOTES

- MATERIAL:
HOUSING: NYLON 30% GF
PLUG SEAL: SILICONE RUBBER
BACK SEAL: HIGH CONSISTENCY RUBBER
- CIRCUIT IDENTIFICATION
- JACKET RANGE LARGE = $\varnothing 2.7\text{MM}$ TO 3.6MM (SEAL COLOUR: LIGHT BLUE)
JACKET RANGE SMALL = $\varnothing 1.4\text{MM}$ 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	JWALLACE	2015/07/16	2015/04/07	2015/04/07	EC NO: IPG2015-1746	SEE SHEET 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 $\pm 2^\circ$ 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	2014/10/01

MATERIAL NO.

SEE NOTES

SIZE
A3

SCALE

1.5:1

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

6CCT ML-XT CV CONNECTOR

molex

DOCUMENT NO.

SD-93443-004

SHEET NO.

5 OF 7

10 9 8 7 6 5 4 3 2 1

F

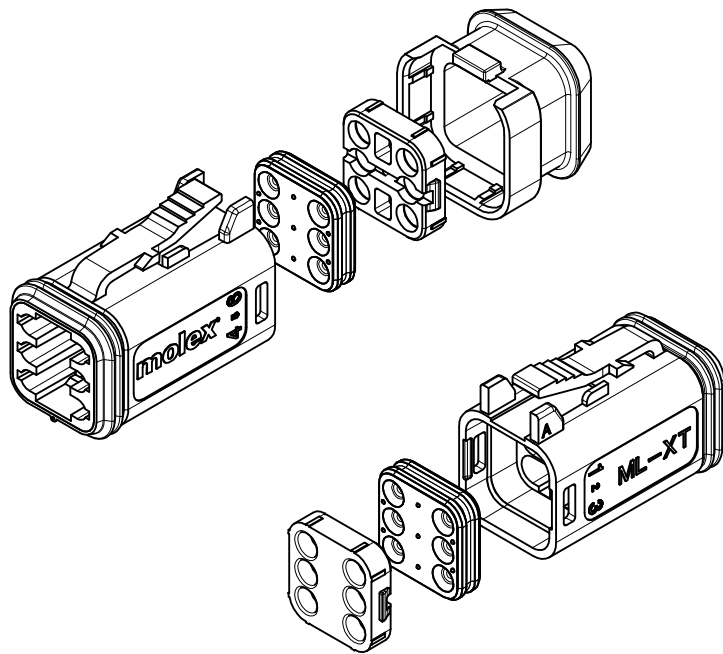
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6CCT PLUG CONNECTOR

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:

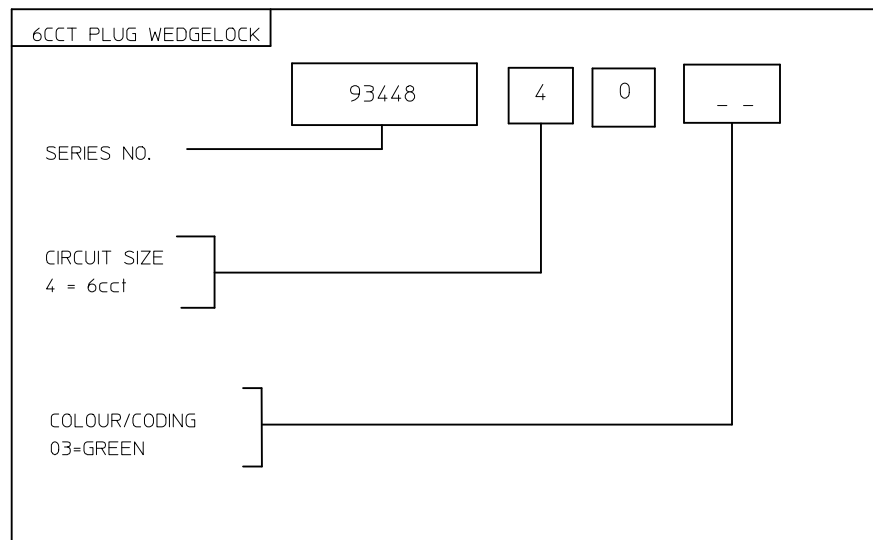
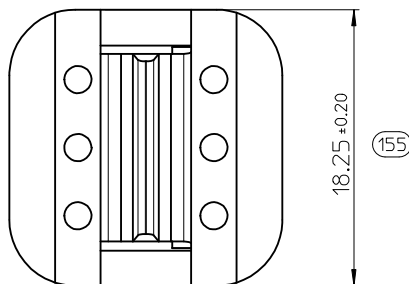
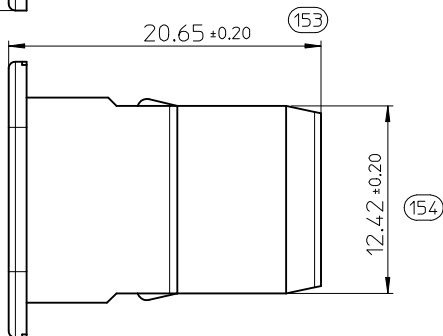
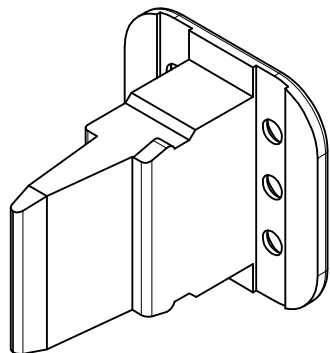
6cct PLUG BLACK WITH LARGE SEAL AND HEATSHRINK = 93445-4601

NOTES

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

SEE SHEET 1 EC NO: IPG2015-1746 DRWN: JFLETCHER CHKD: APPR: JWALLACE	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	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		molex				
			2 PLACES	± 0.10	± ---									
			1 PLACE	± 0.20	± ---									
0 PLACE	± ---	± ---												
			ANGULAR ± 2 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE NOTES		SD-93443-004			6 OF 7			
						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



LAST INSPECTION NUMBER 155

SEE SHEET 1 EC NO: IPG2015-4746 DRAWN: JFLETCHER 2015/04/07 CHKD: APPR: J WALLACE 2015/07/16	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		▼=0		mm	INCH	DRAWN BY JFLETCHER	DATE 2014/04/23	TITLE 6CCT ML-XT CV CONNECTOR							
		▽=0	4 PLACES ± ---	± ---	CHECKED BY	DATE									
			3 PLACES ± ---	± ---	APPROVED BY JWALLACE 2014/10/01			molex							
			2 PLACES ± 0.10	± ---									MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			1 PLACE ± 0.20	± ---									SEE NOTES		
			0 PLACE ± ---	± ---	ANGULAR ± 2 °		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												
			REV												



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.