

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0003092021

Status:

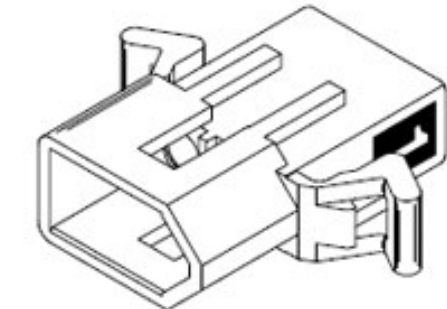
Active

Overview:

standard_093

Description:

2.36mm (.093") Diameter Standard .093" Pin and Socket Plug Housing, 2 Circuits, With Standard Mounting Ears



Series

image - Reference only

Documents:

- [3D Model](#)
- [Packaging Specification \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-02-09 \(PDF\)](#)
- [Product Specification PS-42477 \(PDF\)](#)
- [Product Specification PS-43660-9999 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Comments

MolexKits

Overview

Product Name

Crimp Housings

1545

Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals

Yes

standard_093

Standard .093"

Physical

Breakaway

Circuits (maximum)

Circuits Detail

Color - Resin

Gender

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Stackable

Temperature Range - Operating

No

2

1x2

Natural

Dual

No

None

Yes

Nylon

1

Bag

Yes

0.248 In

6.30 mm

No

-40°C to +105°C

Electrical

Current - Maximum per Contact

14A

Material Info

Old Part Number

1545-P

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-1545-001

PS-02-09, PS-42477, PS-43660-9999

SD-1545-*

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

1545Series

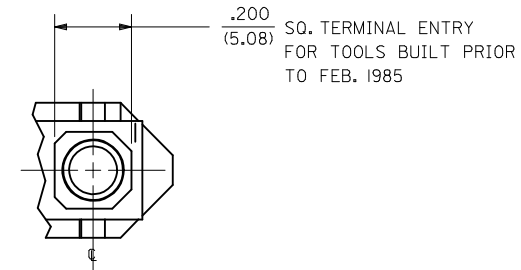
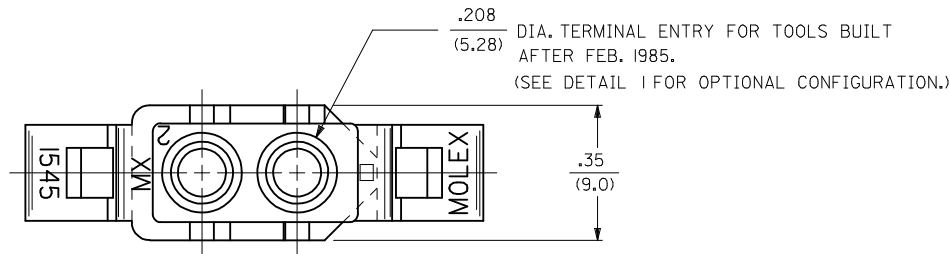
Mates With

42191 Pin and Socket Receptacle

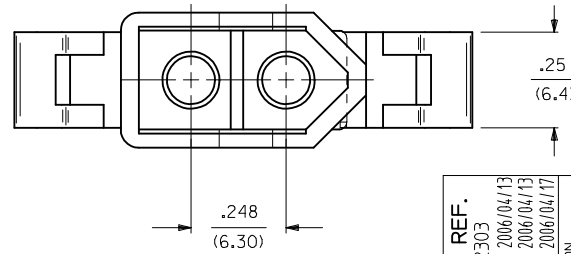
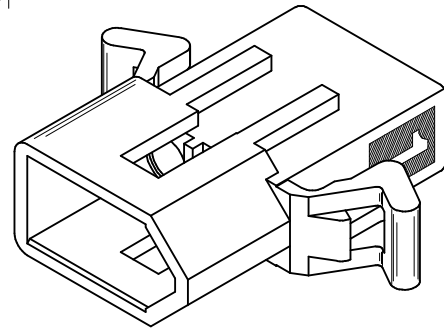
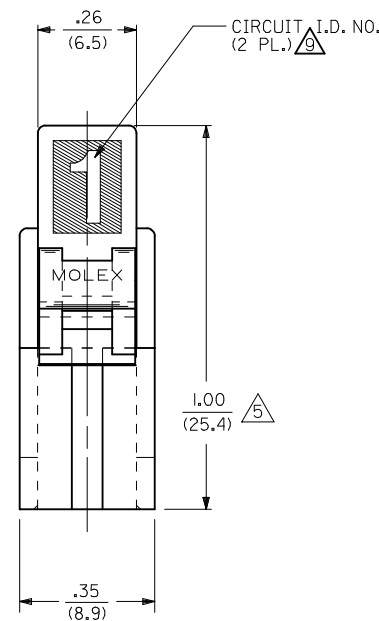
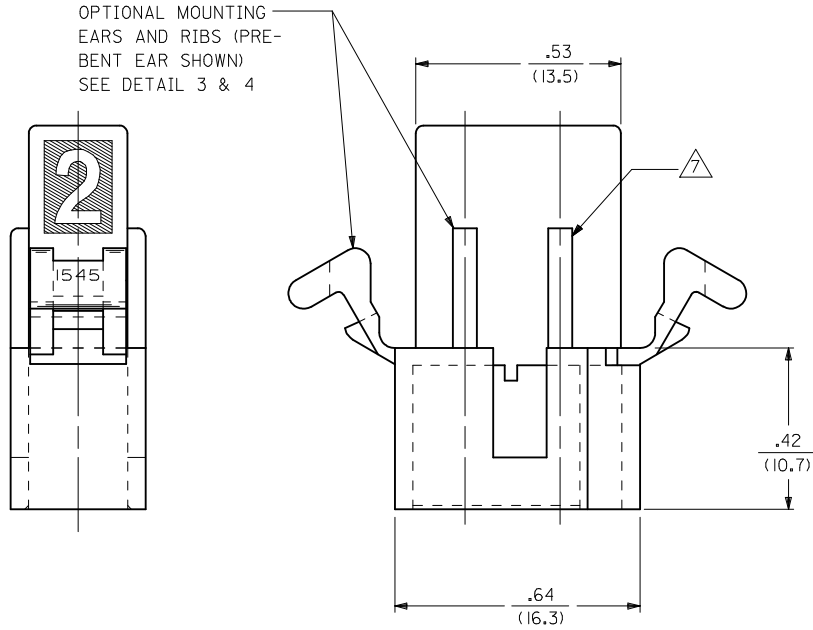
Use With

1189 Crimp Terminals, 1190 Crimp Terminals, 1376 Male PC Tail Terminals, 1377 Female PC Tail Terminals, 1380 Male Crimp Terminals, 1381 Female Crimp Terminals, 1433 Crimp Terminals, 1434 Male Crimp Terminals, 1973 Male Crimp Terminals

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



DETAIL "1"



UPDATE NOTE REF. EC NO: UCP2006-2303 DRAWN: P. D. 2006/04/13 CHKD: AELHAG 2006/04/13 APPR: FSMITH 2006/04/17	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY GEP	DATE 8/9/88	TITLE .093/(2.36) HOUSING, PLUG & RECEPTACLE, 2 CKT., .248/(6.30) CTR.		
				4 PLACES	± ---	± ---	CHECKED BY RW	DATE 8/9/88			
				3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 8/9/88	MOLEX MOLEX INCORPORATED		
				2 PLACES	± 0.25	± .014	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1545-*			SHEET NO. 1 OF 3
				1 PLACE	± 0.35	± ---	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		
				ANGULAR ± 1/2°							

PLUG	
PART NO.	ENG. NO.
03-09-2021	I545-P
03-09-2022	I545-P1
03-09-7021	I545-PBK
03-09-7022	I545-P1BK
03-09-2023	I545-P2
03-09-7024	I545-P1RD
03-09-7023	I545-P1BU
50-36-1686	I545-P1-1

RECEPTACLE	
PART NO.	ENG. NO.
03-09-6021	I545-R3BK
03-09-6023	I545-R3RD
03-09-6024	I545-R3BU
03-09-1022	I545-R1
03-09-1023	I545-R2
03-09-6025	I545-R1BU
03-09-1027	I545-R3
50-36-1685	I545-R1-1

- NOTES:
- MATERIAL: - A = NYLON, PA66, 94V-2. COLOR: SEE LEGEND.
B = UL94V-0, PA6 NYLON, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE.
 - FINISH: NONE.
 - PRODUCT SPECIFICATION: PS-02-09.
 - PACKAGING INFORMATION: PK-1545-001
 - .97/(24.6) REF. FOR TOOLS BUILT PRIOR TO FEB. 1985.
 - 1.00/(25.4) REF. FOR TOOLS BUILT PRIOR TO FEB. 1985.
 - RIBS ARE PRESENT ONLY ON PARTS WITH MOUNTING EARS.
 - EACH TERMINAL POCKET WILL ACCEPT UP TO:
(2) #18 AWG WIRES HAVING 1/32" THK. INSULATION OR
(1) #16 AWG WIRE HAVING 1/16" THK. INSULATION OR
(1) #16 AWG & (1) 18 AWG WIRE HAVING 1/32" THK. INSULATION .
 - CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 11/25/91.
 - PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 EXCEPT MATERIAL OPTION 'B' MEETS CLASS 'C' REQUIREMENTS FOR SINK AND DISCOLORATION.

LEGEND : PLUG

I545-P***-*

OPTIONS: _____

BLANK = WITH STD. EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS

COLOR: BLANK=NATURAL COLOR _____

AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A _____
1 = MATERIAL CODE B

LEGEND : RECEPTACLE

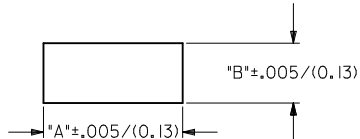
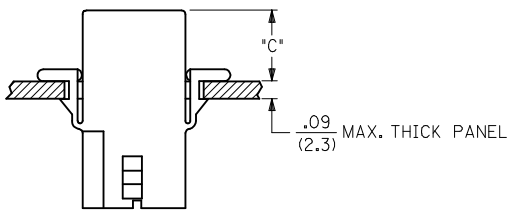
I545-R***-*

BLANK = WITH STD. EARS & RAMPS
1 = WITHOUT EARS, WITH RAMPS
2 = WITHOUT EARS, WITHOUT RAMPS
3 = WITH PREBENT EARS & RAMPS

COLOR: BLANK=NATURAL COLOR _____

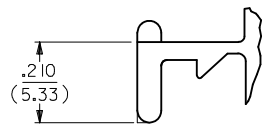
AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A _____
1 = MATERIAL CODE B



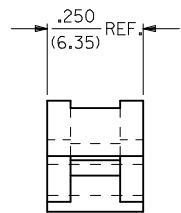
RECOMMENDED PANEL OPENING
(SCALE 2:1)

HOUSING	DIM. "A"	DIM. "B"	DIM. "C" (PREBENT)	DIM. "C" (STD. EAR)
PLUG	.800/(20.32)	.375/(9.53)	.40/(10.2)	.39/(9.9)
RECEPTACLE	.725/(18.42)	.312/(7.92)	.41/(10.4)	.40/(10.2)



DETAIL 3

.093/(2.36) STANDARD MOUNTING EAR
(SCALE 4:1)



DETAIL 4

.093/(2.36) PREBENT MOUNTING EAR
(SCALE 4:1)

ADD MAT'L & P/N'S
EC NO: UCP2007-2366
DRWN: AELHAG
CHKD: LSCMIDT
APPR: FSMITH

2007/05/25
2007/06/01
2007/06/04

REV
V

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .005	± .0005
1 PLACE	± .005	± .0005

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
GEP

CHECKED BY
RW

APPROVED BY
RAS

MATERIAL NO.
SEE CHART

SIZE
C

SCALE
2:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
.093/(2.36) HOUSING,
PLUG & RECEPTACLE,
2 CKT., .248/(6.30) CTR.

MOLEX INCORPORATED

DOCUMENT NO.
SD-1545-*

SHEET NO.
3 OF 3

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

25 12 11 10 9 8 7 6 5 4 3 2 1

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9