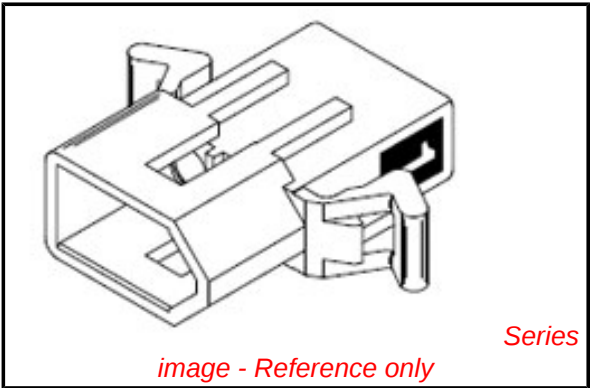


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

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	Crimp Housings
Series	1545
Comments	Polarized to Mating Part, 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals
MolexKits	Yes
Overview	standard_093
Product Name	Standard .093"

Physical

Breakaway	No
Circuits (maximum)	2
Circuits Detail	1x2
Color - Resin	Natural
Gender	Dual
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.248 In
Pitch - Mating Interface (mm)	6.30 mm
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

Current - Maximum per Contact	14A
-------------------------------	-----

Material Info

Old Part Number	1545-P
-----------------	--------

Reference - Drawing Numbers

Packaging Specification	PK-1545-001
Product Specification	PS-02-09, PS-42477, PS-43660-9999
Sales Drawing	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](#)

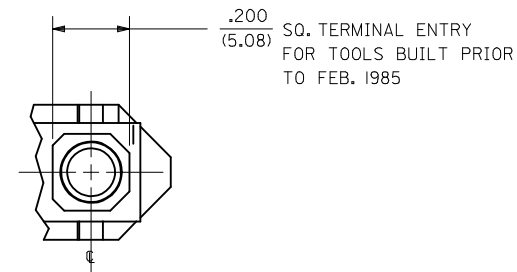
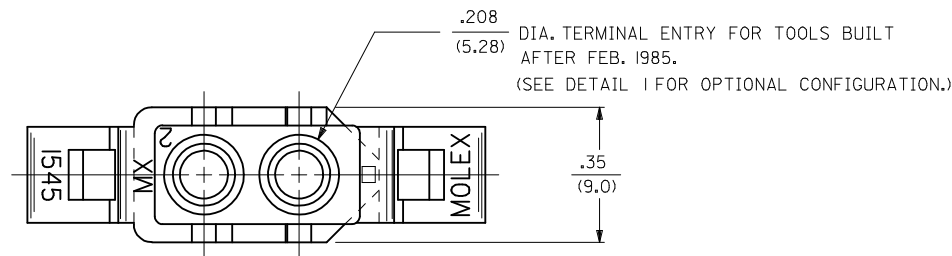
Mates With

[42191](#) Pin and Socket Receptacle

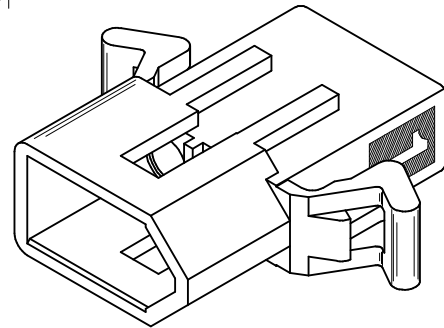
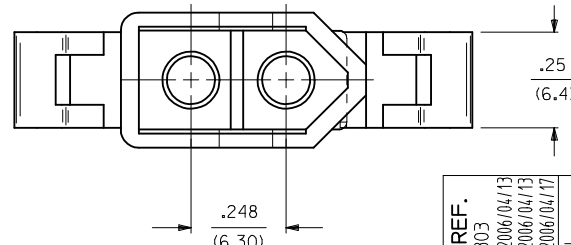
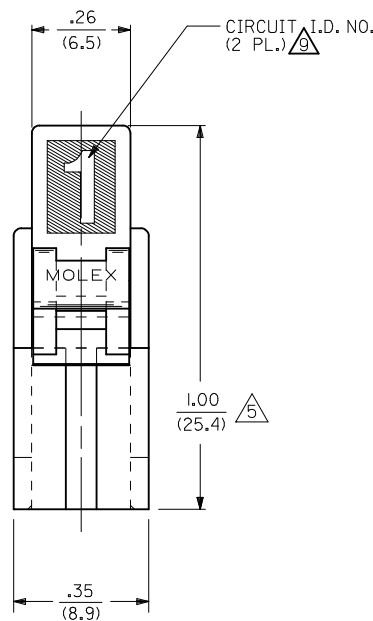
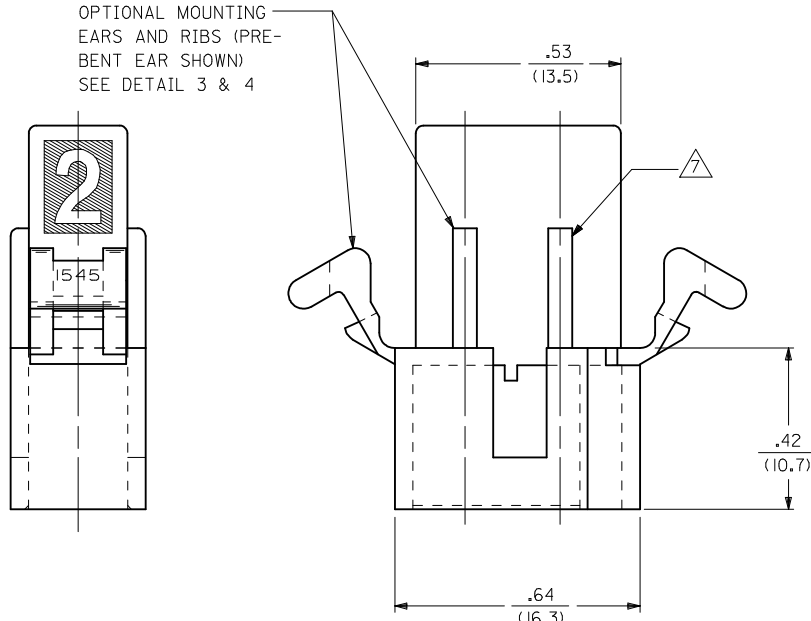
Use With

[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 "I"



UPDATE NOTE REF. EC NO: UCP2006-2303 DRAWN/PRD: 2006/04/13 CHKD: AELHAG 2006/04/13 APPR: FSMITH 2006/04/17			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					
		2 PLACES	± 0.25	± .014	APPROVED BY RAS	DATE 8/9/88	 MOLEX INCORPORATED				
		1 PLACE	± 0.35	± ---	MATERIAL NO. SEE CHART				DOCUMENT NO. SD-1545-*	SHEET NO. 1 OF 3	
		ANGULAR ±1/2°			SIZE C		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									

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

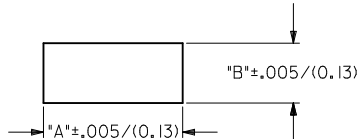
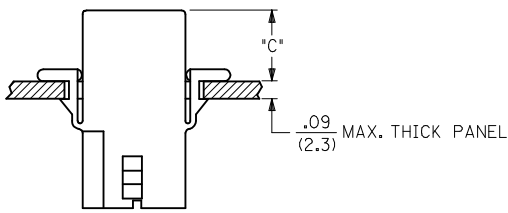
I545-R***-*

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

COLOR: BLANK=NATURAL COLOR _____

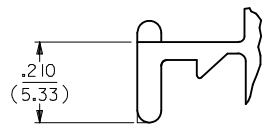
AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A _____
1 = MATERIAL CODE B



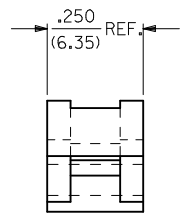
RECOMMENDED PANEL OPENING
(SCALE 2:1)

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)



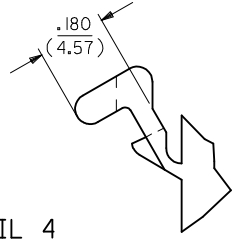
DETAIL 3

.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

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± .---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY GEP	DATE 8/9/88
CHECKED BY RW	DATE 8/9/88
APPROVED BY RAS	DATE 8/9/88

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru