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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-*

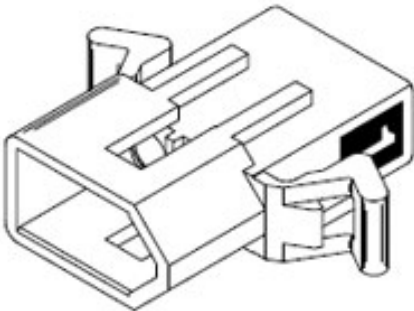


image - Reference only

Series

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

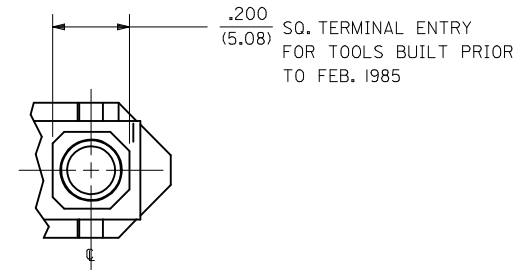
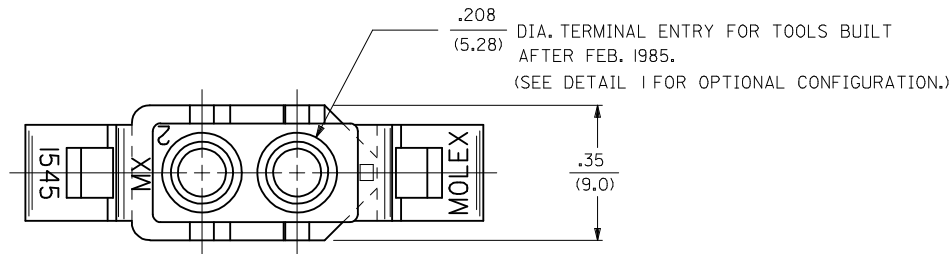
China RoHS

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.

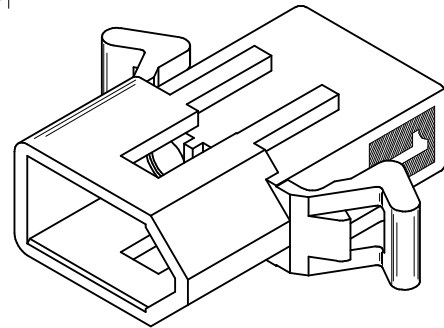
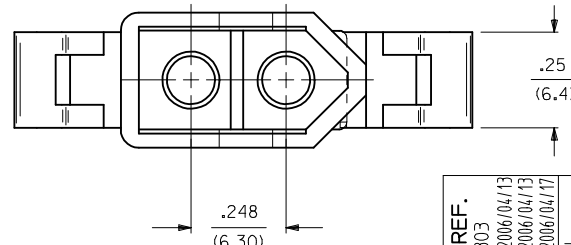
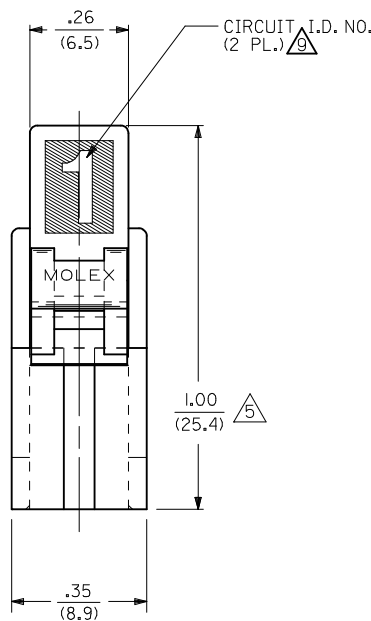
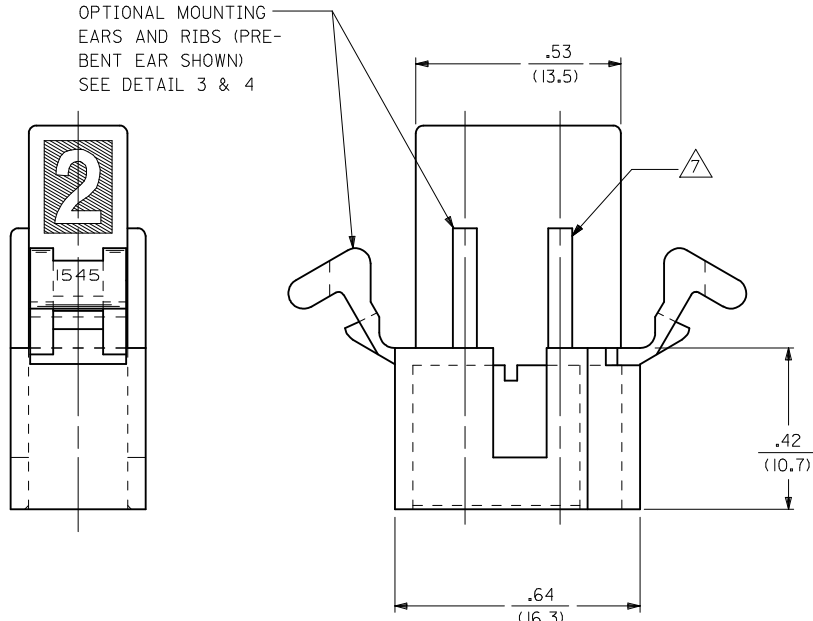
Search Parts in this Series
[1545Series](#)

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



DETAIL "1"



UPDATE NOTE REF. EC NO: UCP2006-2303 DRAWN: PRIDDER 2006/04/13 CHKD: AELHAG 2006/04/13 APPR: FSMITH 2006/04/17 U1	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	DATE	TITLE .093/(2.36) HOUSING, PLUG & RECEPTACLE, 2 CKT., .248/(6.30) CTR.  MOLEX INCORPORATED					
			4 PLACES	± .---	± .---	GEP	8/9/88						
			3 PLACES	± .---	± .010	CHECKED BY	DATE						
			2 PLACES	± 0.25	± .014	RW	8/9/88						
			1 PLACE	± 0.35	± .---	APPROVED BY	DATE						
			ANGULAR ±1/2°		RAS	8/9/88	MATERIAL NO.			DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-1545-*			1 OF 3			
			REV		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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

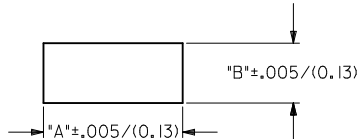
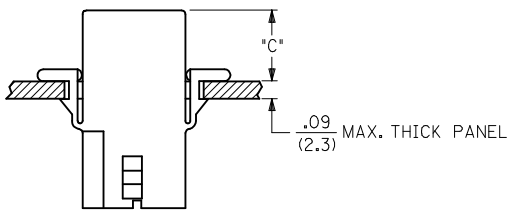
I545-R***-*

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

COLOR: BLANK=NATURAL COLOR _____

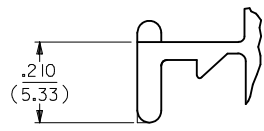
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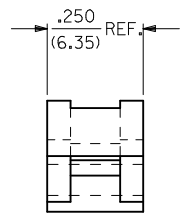
RECOMMENDED PANEL OPENING
(SCALE 2:1)

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)



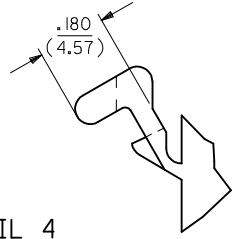
DETAIL 3

.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

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0

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
CHECKED BY
RW
APPROVED BY
RAS

DATE
8/9/88
8/9/88
8/9/88

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

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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;
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- 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.