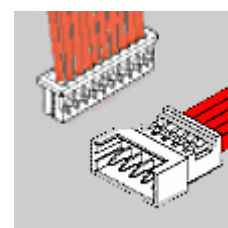


Datasheet Crimp Housings



[[Home](#) > [Products](#) > [Crimp Housings](#) > Datasheet]

03-09-2049

2.36mm (.093") Diameter Standard .093 Pin and Socket Plug Housing,
4 Circuits, Dual Row

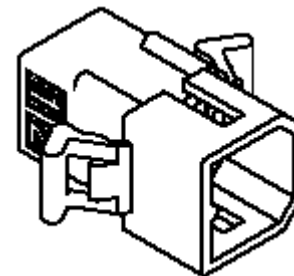
View all parts in series
[2163p](#)

[2D
Dimensions](#)

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Status	Active
Access Level	Internet
Circuits / Positions	4
Circuits Detail	(2 x 2)
Pitch / Center Spacing	5.03mm (.198")
Rows	2
Product Name	Standard .093"
Gender	Dual
Stackable	No
Wire Entry Angle	Vertical
Panel Mount	No
Panel Thickness	2.29mm (.090")
Current-max [amps]	11.0A
RELATED PRODUCTS	
Mates With	2163r
Use With	1189, 1190, 1376, 1377, 1380, 1381, 1433, 1434, 1973, 2151, 2273, 2870, 2871, 42477, 42478, 4272, 4550, 6271, 6310
MECHANICAL	
Contact Insertion Force-max. (per circuit)	22.2N (4.99 lb)
Contact Retention Force-min. (per circuit)	89.00N (20.01 lb)
Unmating Force-min. (per circuit)	4.45N (1.00 lb)
Mating Force-max. (per circuit)	15.70N (3.53 lb)
PHYSICAL	
Housing Material	PA Polyamide (Nylon) 6/6
Flammability	UL 94V-2
Temperature Range	-40°C to +105°C
REFERENCE	
Product Specification	PS-43660-9999
Packaging	Bag
UL File Number	E29179
CSA File Number	LR19980
MX01 Catalog Page	F-95
990 Catalog Page	K-63
Comment	14.0A max. can be achieved when housing is used with 42477 or 42478 terminals

This part is
**ELV and RoHS
COMPLIANT**

ENVIRONMENT

RoHS Compliant	Yes
Lead-free Process Capability Tested	No

Features and Benefits

- Plug for wire-to-wire or wire-to-board applications
- Free-hanging or panel mount versions available
- Passive (friction) locking engagement to receptacle for secure mating retention
- Fully isolated terminals to protect contacts from damage
- Plug housing is fully polarized to receptacle housing to prevent mismating
- Male or female terminals may be used in plug housing
- Solder tail terminals available for PCB mounting

Old Part Number	2163-P1
Molex Series	2163
Marketing Series	2163p
Overview	Standard .093"[-8662]
Product Management	Farnsworth, Gregg
Lab Office	UCP

2D D R A W I N G - For reference only. See technical [Drawing \(PDF\)](#) for design-in purposes.

D I M E N S I O N S	
Designed In	Inches
Dimension A (Overall Length)	13.72mm (.540")
Dimension B (First-to-Last Circuit)	5.03mm (.198")
Dimension C	13.72mm (.540")
Dimension D	5.03mm (.198")
Dimension E	25.91mm (1.020")

