

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0003061061](#)  
**Status:** **Active**  
**Overview:** [standard\\_062](#)  
**Description:** 1.57mm (.062") Diameter Standard .062 Pin and Socket Receptacle Housing, 6 Circuits, With Standard Mounting Ears

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-02-06 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification (PDF)</a>	

**Agency Certification**

CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">1625</a>
Comments	Polarized to Mating Part
MolexKits	Yes
Overview	<a href="#">standard_062</a>
Product Name	Standard .062"

**Physical**

Breakaway	No
Circuits (maximum)	6
Circuits Detail	2x3
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	3
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.145 In
Pitch - Mating Interface (mm)	3.68 mm
Pitch - Term. Interface (in)	0.145 In
Pitch - Term. Interface (mm)	3.96 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

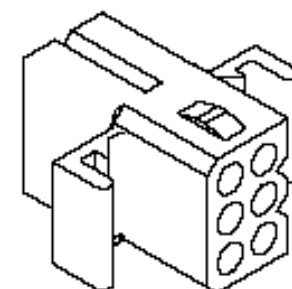
Current - Maximum per Contact	5A
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**Material Info**

Old Part Number	1625-6R
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**Reference - Drawing Numbers**

Packaging Specification	PK-1625-001
Product Specification	PS-02-06
Sales Drawing	SD-1625-6*



Series

image - Reference only

**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](mailto: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**

[1625Series](#)

**Mates With**

[1625 Plug](#)

**Use With**

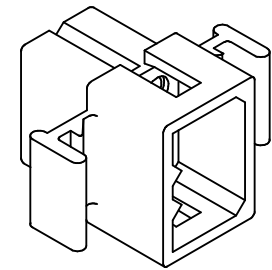
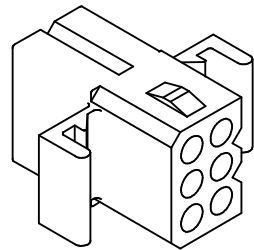
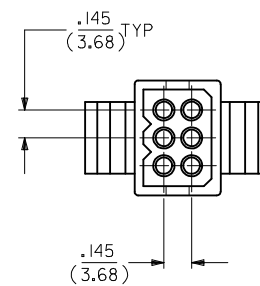
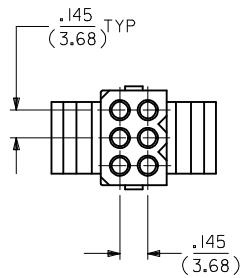
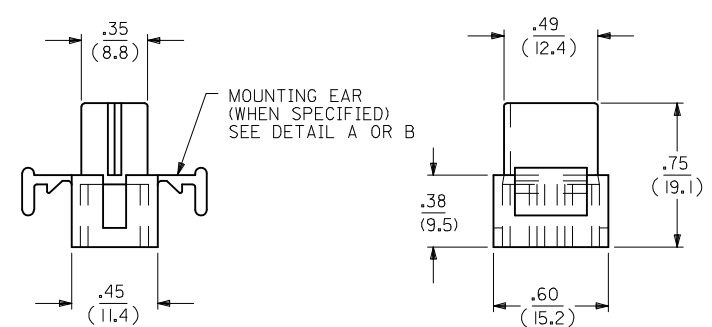
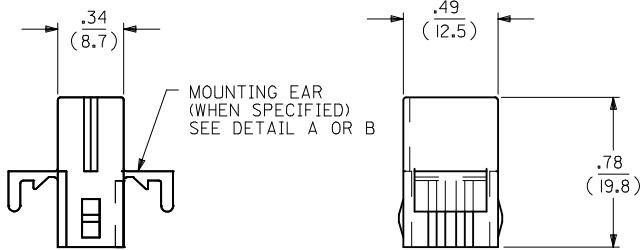
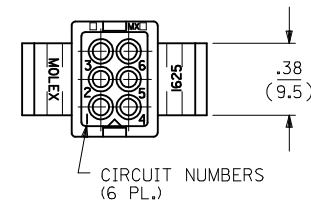
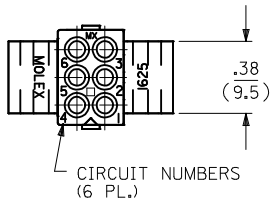
Female Crimp Terminals [1561](#)[Link:4559](#), [4529](#), [2190](#), [2189](#), [1787](#), [1855](#). Male Crimp Terminals [1560](#), [1786](#), [1854](#), [1778](#). Male PC Tail Terminals. [1779](#) Female PC Tail Terminals

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# RECEPTACLE

# PLUG



SHOWN WITH STANDARD EAR

SHOWN WITH STANDARD EAR

<b>UPDATE TITLE BLOCK</b> EC NO: UCP2006-1431 DRW: NAEHAG 2006/08/29 CHKD: LSCHMIDT 2006/08/29 APPR: FSMITH 2006/08/30	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 ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE KBW 7/22/88 CHECKED BY DATE RW 7/22/88 APPROVED BY DATE RAS 7/22/88	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	
	TITLE .062/(1.57) HOUSING PLUG & RECEPTACLE 6 CKT, .145/(3.68) C.L.			MOLEX MOLEX INCORPORATED	
	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-1625-6*	SHEET NO. 1 OF 2
	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				

PLUG		
ORDER NO	ENG NO	
03-06-2062	I625-6P	
03-06-2061	I625-6P1	
03-06-7062	I625-6PBK	
03-06-7061	I625-6P1BK	
03-06-7063	I625-6POR	OBSOLETE
-	-	

RECEPTACLE		
ORDER NO	ENG NO	
03-06-1061	I625-6R	
03-06-1062	I625-6R1	
03-06-6061	I625-6RBK	
03-06-6062	I625-6R1BK	
03-06-6063	I625-6ROR	OBSOLETE
03-06-6064	I625-6RBU	
NOT TOOLED	I625-6R2	

**LEGEND:**

I625-6\*\*\*\*

CIRCUIT SIZE

P = PLUG

R = RECEPTACLE

BLANK = WITH STANDARD EARS

1 = WITHOUT EARS

2 = WITH PREBENT EARS

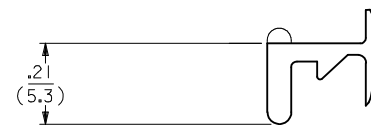
COLOR:

BLANK = NATURAL COLOR

AM = AMBER BK = BLACK BU = BLUE

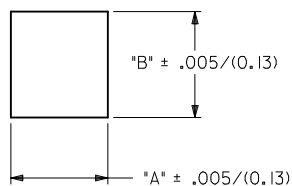
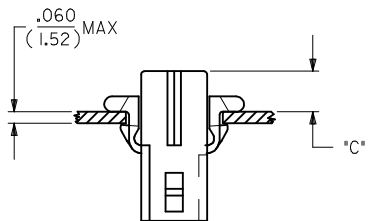
BN = BROWN GY = GRAY GN = GREEN

OR = ORANGE RD = RED YW = YELLOW

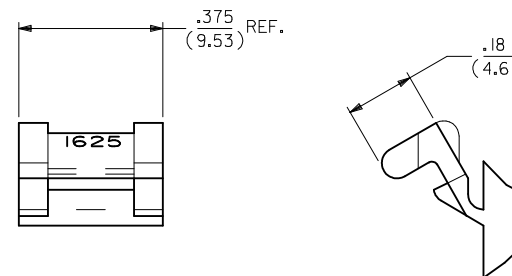


**DETAIL A**

.062/(1.57) STANDARD MOUNTING EAR  
(SCALE 4:1)



HOUSING	DIM. "A"	DIM. "B"	"C" PREBENT EAR	"C" STANDARD EAR
PLUG	.607/(15.42)	.615/(15.62)	.22/(5.6)	.18/(4.6)
RECEPT.	.505/(12.83)	.552/(14.02)	.23/(5.8)	.19/(4.8)



**DETAIL B**

.062/(1.57)PREBENT MOUNTING EAR  
(SCALE 4:1)

NOTES:-

1. MATERIAL NYLON TYPE 6/6, 94-2.
2. FINISH: NONE.
3. PRODUCT SPECS: MOLEX PRODUCT SPECS 02-06 APPLIES.
4. PACKAGING SPECS: BULK PACK PER PK-1625-001.

<b>REINSTATE PARTS</b> EC NO: UCP2006-1431 DRWINAELHAG 2006/08/29 CHKDLSCHMIDT 2006/08/29 APPR:FSMITH 2006/08/30	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.35</td> <td>± .---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.35	± .---	DIMENSION STYLE <b>IN/MM</b>	SCALE ---	DESIGN UNITS <b>INCH</b>	THIRD ANGLE PROJECTION
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MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. <b>SD-1625-6*</b>	SHEET NO. <b>2 OF 2</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		