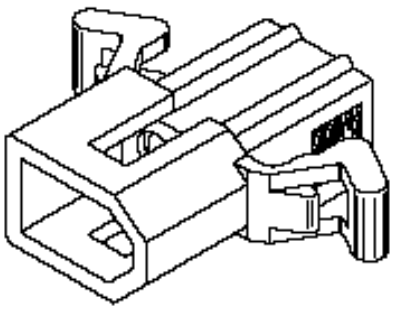
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0003062024
Status: Active
Overview: standard_062
Description: 1.57mm (.062") Diameter Standard .062 Pin and Socket Plug Housing, 2 Circuits, With Pre-bent Mounting Ears



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Packaging Specification (PDF)
Product Specification PS-02-06 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	1625
Comments	Polarized to Mating Part
MolexKits	Yes
Overview	standard_062
Product Name	Standard .062"

Physical

Breakaway	No
Circuits (maximum)	2
Circuits Detail	1x2
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
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)	0.145 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

Material Info

Old Part Number	1625-2P2

Reference - Drawing Numbers

Packaging Specification	PK-1625-001
Product Specification	PS-02-06
Sales Drawing	SD-1625-2*

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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.

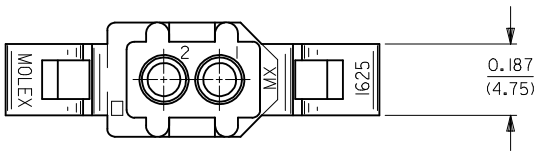
Search Parts in this Series
1625Series

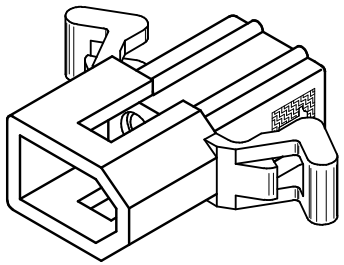
Mates With
1625 Receptacle

Use With
Female Crimp Terminals 1561Link:4559 , 4529 , 2190 , 2189 , 1787 , 1855 . Male Crimp Terminals 1560 , 1786 , 1854. 1778 Male PC Tail Terminals. 1779 Female PC Tail Terminals

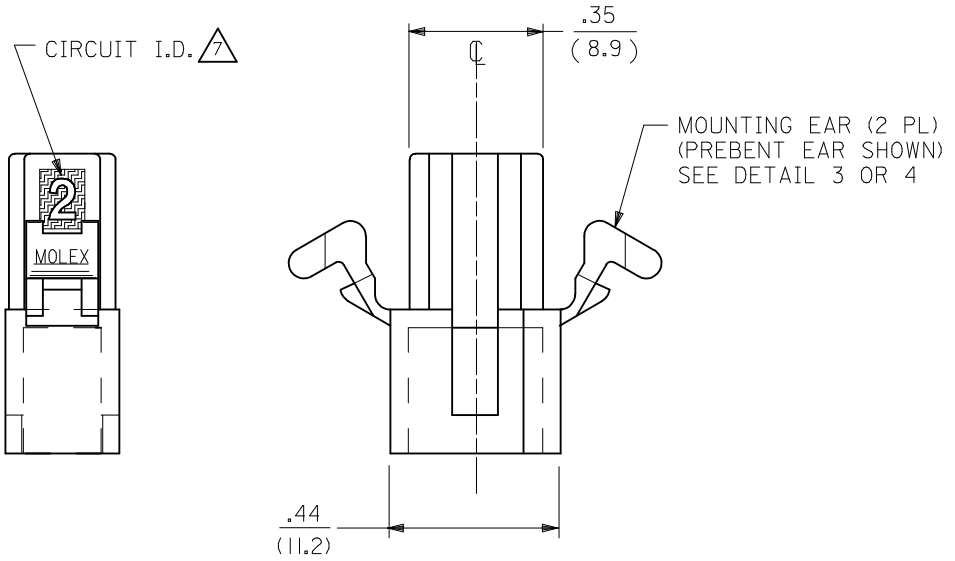
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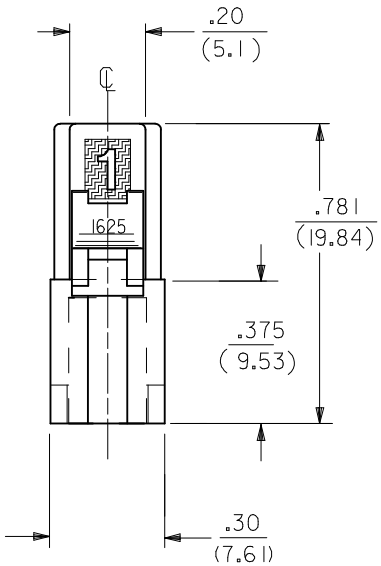
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

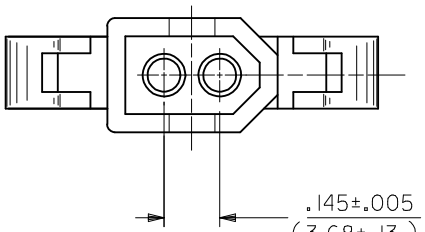




PLUG HOUSING







3	AE1
2	AE1
1	AE1
SHT.	REV.

ADD NEW TOOL STEP
EC NO: UCP2007-1980 2007/04/13
DRWN:PRIDDER 2007/04/16
CHKD:AELHAG 2007/04/19
APPR:FSMITH
DESCRIPTION
AE1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .007
2 PLACES	± 0.18	± .010
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	J JS	DATE 1988/04/13
CHECKED BY	RW	DATE 1988/04/13
APPROVED BY	RAS	DATE 1988/04/13

TITLE: PLUG AND RECEPTACLE 2 CIRCUIT HOUSINGS .062/(1.57) DIA.

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-1625-2*
SHEET NO.: 1 OF 3

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.	
03-06-7023	1625-2P1BK	
03-06-2023	1625-2P1	
03-06-7027	1625-2P2BK	OBSOLETE
03-06-2024	1625-2P2	

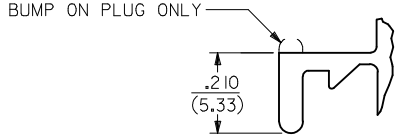
RECEPTACLE		
PART NO.	ENG. NO.	
03-06-6023	1625-2R1BK	
03-06-1020	1625-2R3	OBSOLETE
03-06-1023	1625-2R1	
03-06-1022	1625-2R2	
03-06-6025	1625-2R2RD	OBSOLETE
03-06-6026	1625-2R2GN	OBSOLETE
03-06-6027	1625-2R2BU	OBSOLETE
03-06-6022	1625-2R2BK	OBSOLETE
03-06-6028	1625-2R1BU	OBSOLETE

RECEPTACLE LEGEND:

1625-2R**

- CIRCUIT SIZE
- R = RECEPTACLE
- BLANK = WITH STANDARD MOUNTING EARS; WITH DETENTS
- 1 = WITHOUT MOUNTING EARS; WITH DETENTS
- 2 = WITH PREBENT MOUNTING EARS; WITH DETENTS
- 3 = W/O MOUNTING EARS, WITH POSITIVE LOCK
- BLANK = NATURAL

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



DETAIL 3

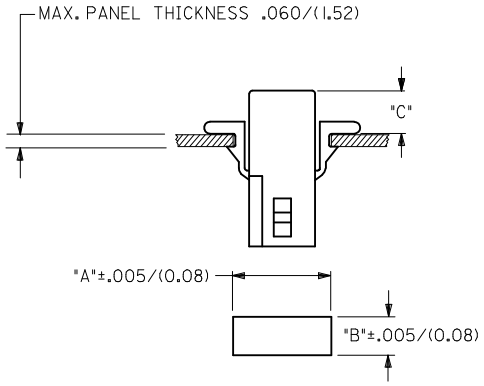
STANDARD MOUNTING EARS
(SCALE 4:1)

PLUG LEGEND:

1625-2P**

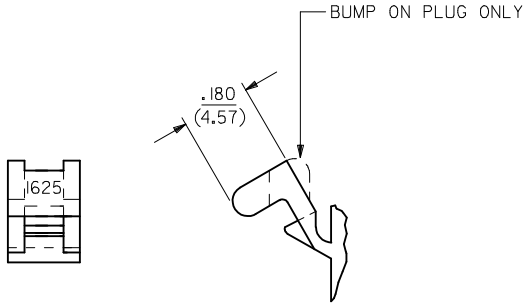
- CIRCUIT SIZE
- P = PLUG
- 1 = WITHOUT MOUNTING EARS
- 2 = WITH PREBENT MOUNTING EARS
- 3 = W/O MOUNTING EARS, WITH POSITIVE LOCK
- BLANK = NATURAL

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



RECOMMENDED HOLE PATTERN

HOUSING	DIM. "A"	DIM. "B"	PREBENT EAR DIM. "C"	STD. EAR DIM. "C"
PLUG	.609 (15.47)	.318 (8.08)	.24 (6.0)	.24 (6.1)
RECEPTACLE	.505 (12.83)	.265 (6.73)	.25 (6.4)	.25 (6.4)



DETAIL 4

PREBENT MOUNTING EARS
(SCALE 4:1)

NOTES:
1. MATERIAL - NYLON TYPE 6/6, 94V-2
2. FINISH: NONE
3. PRODUCT SPECIFICATION: PS-02-06
4. PACKAGING SPECIFICATION: PK-1625-001
5. POSITIVE LOCK VERSION REQUIRES USE OF A SCREWDRIVER OR SIMILAR TOOL TO LIFT SHROUD ON PLUG HOUSING IN ORDER TO UNMATE RECEPTACLE HOUSINGS
6. HOUSINGS FOR USE WITH MOLEX .062/(1.57) DIA. SERIES TERMINALS.
7. CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 07/01/1991.
8. THIS PART CONFORMS TO CLASS B REQUIRMENTS OF COSMETIC SPECIFICATION PS-45499-002.

UPDATE NOTES
EC NO: UCP2007-1980 2007/04/13
DRWN:PRIDDER 2007/04/16
CHKD:AELHAG
APPR:FSMITH 2007/04/19
DESCRIPTION
AE1
REV

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ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	J JS	DATE 1988/04/14
CHECKED BY	RW	DATE 1988/04/14
APPROVED BY	RAS	DATE 1988/04/14

TITLE: PLUG & RECEPTACLE 2 CIRCUIT HOUSINGS .062(1.57)DIA.

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-1625-2*
SHEET NO.: 3 OF 3
SIZE: C

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