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Part Number: 0003061044
Status: Active
Overview: standard_062
Description: 1.57mm (.062") Diameter Standard .062 Pin and Socket Receptacle Housing, Dual row, without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits

Documents:

3D Model
Drawing (PDF)
Packaging Specification (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	2004
Overview	standard_062
Product Name	Standard .062"

Physical

Circuits (maximum)	4
Circuits Detail	(2 x 2)
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.145 In
Pitch - Mating Interface (mm)	3.68 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	2004-R1

Reference - Drawing Numbers

Sales Drawing	SD-2004-*

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.

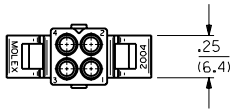
Search Parts in this Series
2004Series

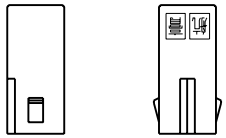
Mates With
03-06-2043 Free Hanging Plug, 03-06-2044 Panel Mount Plug

Use With
1560 male crimp terminals, 1561 female crimp terminals, 4559 , 4529 , 2190 , 2189 , 1787 female crimp terminals, 1786 male crimp terminals, 1854 male crimp terminals, 1855 female crimp terminals, 1778 male PC tail terminals, 1779 female PC tail terminals

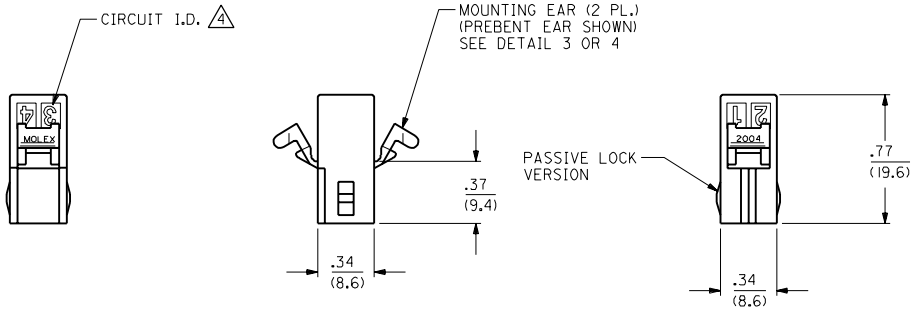
This document was generated on 05/17/2010

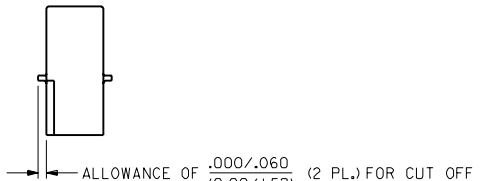
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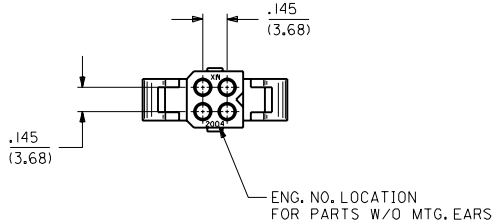


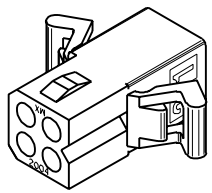
DETAIL 1
POSITIVE LOCK VERSION
ENG. NO. 2004-R5•





DETAIL 2
RECEPTACLE WITHOUT EARS
OR DETENTS, ENG. NO. 2004-R3•





RECEPTACLE HOUSING

LTR.	REVISIONS	LTR.	REVISIONS
		I	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± ■ I°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY GC | CHK'D. BY RW | APP'D. BY RS | SCALE 4:1

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT .062/(1.57) DIA.

molex MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 8/27/91

PART NO. SEE CHART | DRWG. NO. SD-2004-•

FILE NAME H2004C4 S05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIV. CP | SIZE C

PLUG		
PART NO.	ENG. NO.	
03-06-2043	2004-P	
03-06-7043	2004-PBK	
03-06-2044	2004-P1	
03-06-7044	2004-P1BK	
PRELIMINARY	2004-P2	
03-06-7045	2004-P1RD	**OBSOLETE**
03-06-7046	2004-P1BN	**OBSOLETE**
03-06-7047	2004-P1OR	**OBSOLETE**

RECEPTACLE		
PART NO.	ENG. NO.	
03-06-1043	2004-R	
03-06-6043	2004-RBK	
03-06-1044	2004-R1	
03-06-6044	2004-R1BK	**OBSOLETE**
03-06-1046	2004-R3	**OBSOLETE**
03-06-1052	2004-R5	**OBSOLETE**
03-06-6052	2004-R5BK	**OBSOLETE**
PRELIMINARY	2004-R2	
03-06-6045	2004-RRD	**OBSOLETE**
03-06-6046	2004-RBN	**OBSOLETE**
03-06-6048	2004-ROR	**OBSOLETE**

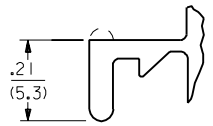
LEGEND:

2004-***

P = PLUG
R = RECEPTACLE

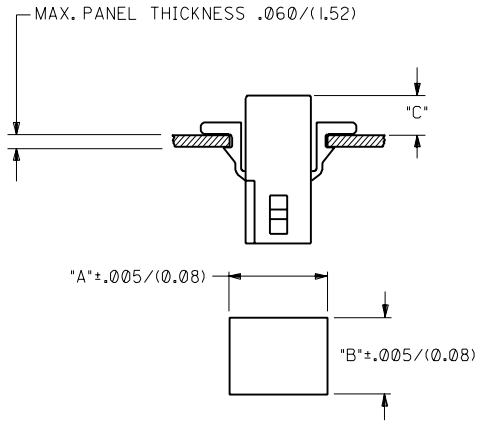
BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS
3 = W/O EARS, W/O DETENTS
5 = W/O EARS, WITH POSITIVE LOCKS

COLOR:
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)

NOTE:
THIS DRAWING ENCOMPASSES ALL 2004 SERIES HOUSINGS EXCEPT 2004-R7.

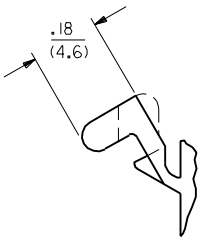


RECOMMENDED HOLE PATTERN

HOUSING	DIM. "A"	DIM. "B"	PREBENT EAR DIM. "C"	STD. EAR DIM. "C"
PLUG	.615 (15.62)	.465 (11.81)	.26 (6.6)	.26 (6.6)
RECEPTACLE	.506 (12.85)	.400 (10.16)	.24 (6.1)	.24 (6.1)

NOTES:
1. MATERIAL - NYLON TYPE 6/6, 94V-2
2. THIS PRODUCT COMPLIES WITH MOLEX PRODUCT SPEC 02-06.
3. HOUSINGS FOR USE WITH MOLEX .062/(1.57) DIA. SERIES TERMINALS.
4. CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 8/26/91.
5. THIS DIMENSION .020/(0.51) LESS ON TOOLS BUILT PRIOR TO 8/26/91.





DETAIL 4
PREBENT MOUNTING EARS
(SCALE 4:1)

LTR.	REVISIONS	LTR.	REVISIONS
		K	SEE SHEET 1
		J2	SEE SHEET 1
		J1	SEE SHEET 1
		J	SEE SHEET 1
		I	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS CHK'D. BY RW
APP'D. BY RS SCALE 2:1

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT .062/(1.57) DIA.

MOLEX INCORPORATED
LISLE, ILL. 60532 U.S.A.

SHEET NO. 3
DATE 8/28/91
PART NO. SEE CHART
DRWG. NO. SD-2004-*
FILE NAME H2004C4 S06
DIV. CP
SIZE C

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