

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0003067044](#)
Status: **Active**
Overview: [standard_062](#)
Description: 1.57mm (.062") Diameter Standard .062 Pin and Socket Plug Housing, Dual Row, without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits, Black

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

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 Male
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

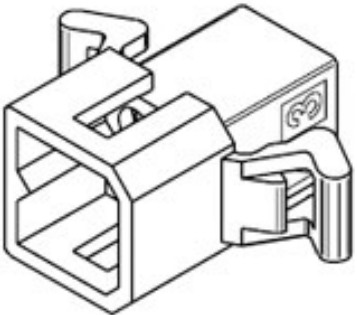
Current - Maximum per Contact 5A

Material Info

Old Part Number 2004-P01-BK

Reference - Drawing Numbers

Sales Drawing SD-2004-*



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[03-06-6043](#) Panel Mount Receptacle (Black)

Use With

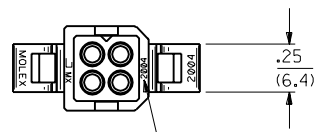
[1560](#) male crimp terminals, [1561](#) female
crimp terminals, [4559](#) , [4529](#) , [2190](#) , [2189](#)
, [1787](#) female crimp terminals, [1786](#) male
crimp terminals, [1854](#) male crimp terminals,
[1855](#) female crimp terminals, [1778](#) male PC
tail terminals, [1779](#) female PC tail terminals

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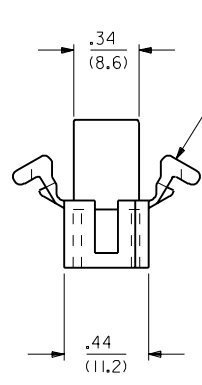
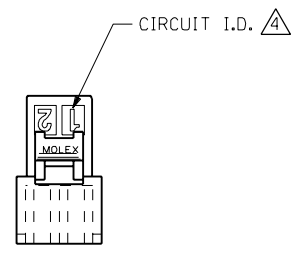
13 12 11 10 9 8 7 6 2004 4 3 2 1

J
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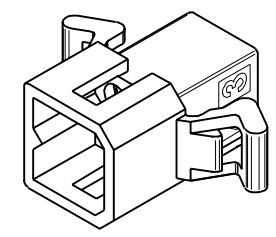
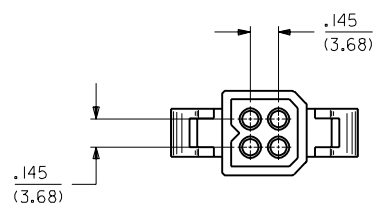
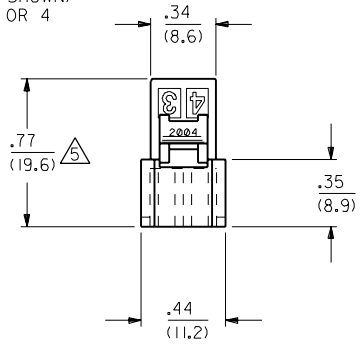
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ENG. NO. LOCATION
FOR PARTS W/O MTC. EARS



MOUNTING EAR (2 PL.)
(PREBENT EAR SHOWN)
SEE DETAIL 3 OR 4



PLUG HOUSING

K	3	K	OBsolete P/N UCR2002-02T0 COMERC 01/10/1
J2	1	2	X-REMOVE PER ECN U3 0816 GK 5/25/93 RW
J1	1	1	X-RELEASE PER ECN U3 0769 GK 5/18/93 RW
J	1	1	REV. PER ECN ECN U2-1825 AFG 92-12-18 RW
I	2	1	REDRAWN & REV'D. ON CAD. ECR UI 1174 GK 8/27/91
K	1	K	
MFG.	SH.	REV.	LTR.
			REVISIONS

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 10°		TITLE PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT Ø.062/(1.57) DIA.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 of 3	
DATE 8/27/91		DATE 8/27/91	
PART NO. SD-2004-*		PART NO. SD-2004-*	
DRAWN BY GK		DRAWN BY GK	
CHECKED BY RW		CHECKED BY RW	
SCALE 2: 1		SCALE 2: 1	
APP'D. BY RS		APP'D. BY RS	
FILE NAME H2004C4 S04		FILE NAME H2004C4 S04	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

I3	I2	I1	I0	9	8	7	6	2004	4	3	2	1
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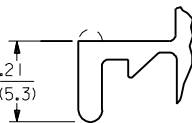
PLUG		
PART NO.	ENG. NO.	
03-06-2043	2004-P	
03-06-7043	2004-PBK	
03-06-2044	2004-PI	
03-06-7044	2004-PIBK	
PRELIMINARY	2004-P2	
03-06-7045	2004-PIRD	
03-06-7046	2004-PIBN	
03-06-7047	2004-PIOR	
		OBSOLETE
		OBSOLETE
		OBSOLETE

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

LEGEND:

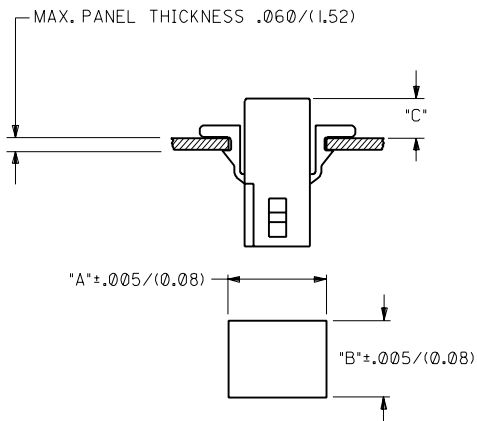
2004-***
P = PLUG
R = RECEPTACLE
BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS
3 = W/O EARS, W/O DETENTS
5 = W/O EARS, WITH POSITIVE LOCKS

COLOR: _____
BLANK = NATURAL
AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

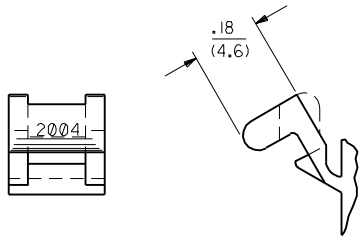


DETAIL 3
STANDARD MOUNTING EARS
(SCALE 4:1)

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



- 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)

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)

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR 1/2° 10°				REVISIONS ONLY ON CAD SYSTEM			
5 PLACE ± .010 --- 2 PLACE ± .014 ± 0.25 1 PLACE --- ± 0.36				TITLE PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT .062/(1.57) DIA.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MOLEX INCORPORATED U.S.A. 60532			
DRAWN BY: JJS APP'D BY: RS				SHEET NO. 3 DATE 8/28/91			
CHK'D BY: RW SCALE 2:1				PART NO. SD-2004-*			
LTR. REVISIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			

I3	I2	I1	I0	9	8	7	6	5	4	3	2	1
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