

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

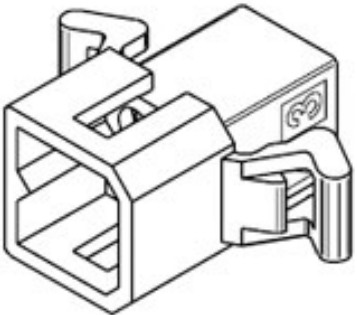
Current - Maximum per Contact 5A

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](#)

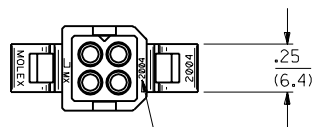
Mates With

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

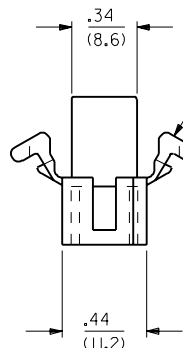
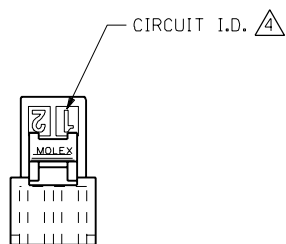
Use With

[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

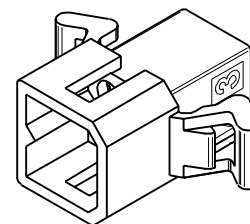
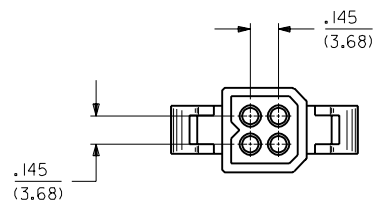
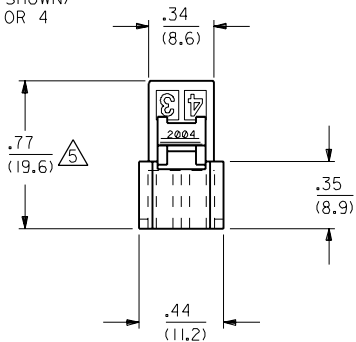
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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



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



PLUG HOUSING

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED	
TOLERANCES ANGULAR ± .0010	
3 PLACE ± .010	---
2 PLACE ± .014	± 0.25
1 PLACE ---	± 0.36
DRAFT WHERE APPLICABLE MUST	
REMAIN WITHIN DIMENSIONS	
DRWG. BY GKC	CHK'D BY RW
APP'D. BY RS	SCALE 2: 1

TITLE		REVISE ONLY ON CAD SYSTEM	
PLUG AND RECEPTACLE		HOUSINGS, 4 CIRCUIT	
.062/(1.57) DIA.		DATE	
MOLEX INCORPORATED		1 of 3	
L15LEJLL 60532		8/27/91	
PART NO.		DRWG. NO.	
SEE CHART		SD-2004-	
FILE NAME		DIV.	
H2004C4		CP	
SHEET		SIZE	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO		MOLLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

K	3	K
I	2	I
K	1	K
MFG.	SH.	REV.
LTR.	REVISIONS	

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

13	12	11	10	9	8	7	6	2004	4	3	2	1
PLUG				RECEPTACLE								
PART NO.	ENG. NO.			PART NO.	ENG. NO.							
03-06-2043	2004-P			03-06-1043	2004-R							
03-06-7043	2004-PBK			03-06-6043	2004-RBK							
03-06-2044	2004-PI			03-06-1044	2004-RI							
03-06-7044	2004-PIBK			03-06-6044	2004-RIBK							
PRELIMINARY	2004-P2			03-06-1046	2004-R3							
03-06-7045	2004-PIRD			03-06-1052	2004-R5							
03-06-7046	2004-PIBN			03-06-6052	2004-R5BK							
03-06-7047	2004-PIOR			PRELIMINARY	2004-R2							
		03-06-6045	2004-RRD									
		03-06-6046	2004-RBN									
		03-06-6048	2004-ROR									

LEGEND:

P = PLUG

R = RECEPTACLE

BLANK = WITH STANDARD EARS

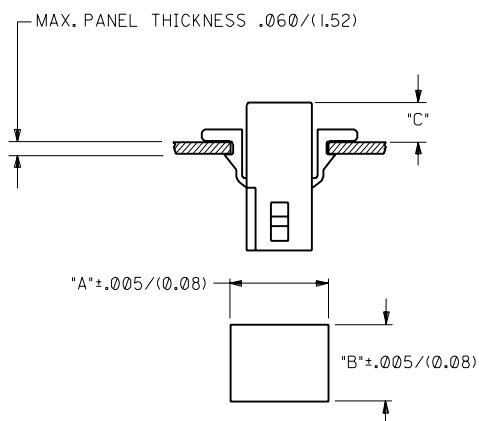
1 = WITHOUT EARS

2 = WITH PREBENT EARS

3 = W/O EARS, W/O DETENTS

5 = W/O EARS, WITH POSITIVE LOCKS

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.

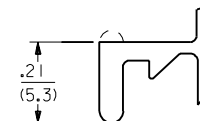
LEGEND:

2004-***

P = PLUG _____
R = RECEPTACLE

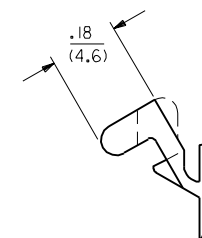
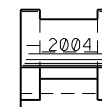
BLANK = WITH STANDARD EARS ———
1 = WITHOUT EARS
2 = WITH PREBENT EARS
3 = W/O EARS, W/O DETENTS
5 = W/O EARS, WITH POSITIVE LOCKS

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)



DETAIL 4

PREBENT MOUNTING EARS
(SCALE 4:1)

DIMENSIONS SHOWN (METRIC) INCH				$\nabla = 0$ $\blacktriangledown = 0$		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm .010$				TITLE			
INCH METRIC				PLUG AND RECEPTACLE			
				HOUSINGS, 4 CIRCUIT			
				.062(1.57) DIA.			
3 PLACE	$\pm .010$	---		MOXLE INCORPORATED 155 E. ILL. 69032	SHEET NO.	3	DATE
2 PLACE	$\pm .014$	± 0.25				8/28/91	
1 PLACE	---	± 0.36					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
DRWG. BY	JJS	CHK'D.	RW	PART NO.	SD-2004-*	DRWG. NO.	
APP'D.	JJS	SCALE	2:1	SEE CHART			
FILE NAME	H2004C4			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOXLEY INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			DIV. CP SIZE CP



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Электрон
Связь**

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Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331