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Part Number:

0003061043

Status:

Active

Overview:

standard_062

Description:

1.57mm (.062") Diameter Standard .062 Pin and Socket Receptacle Housing, Dual row, with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits

Documents:	
3D Model	Packaging Specification (PDF)
Drawing (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	Yes
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-R
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

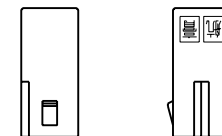
Mates With

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

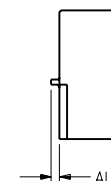
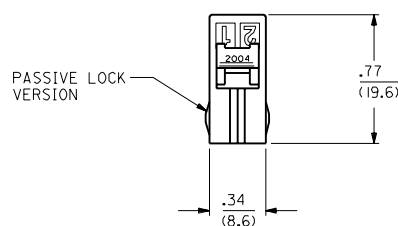
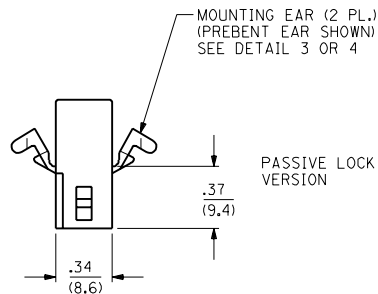
Use With

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

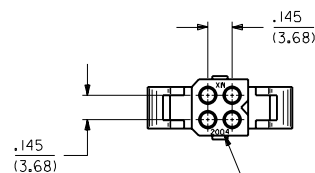
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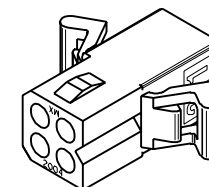
DETAIL 1



DETAIL 2



— ENG. NO. LOCATION
FOR PARTS W/O MTG. EARS



RECEPTACLE HOUSING

				DIMENSIONS SHOWN METRIC INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM																	
				UNLESS OTHERWISE SPECIFIED TOLERANCES-ANGULAR ± .0001 IP		TITLE																			
				<table><tr><td colspan="2">TOL.</td><td colspan="2">METRIC</td></tr><tr><td>3 PLACE</td><td>± .010</td><td colspan="2">---</td></tr><tr><td>2 PLACE</td><td>± .014</td><td colspan="2">± 0.25</td></tr><tr><td>1 PLACE</td><td>---</td><td colspan="2">± 0.36</td></tr></table>		TOL.		METRIC		3 PLACE	± .010	---		2 PLACE	± .014	± 0.25		1 PLACE	---	± 0.36		PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT .062(1.57) DIA.			
TOL.		METRIC																							
3 PLACE	± .010	---																							
2 PLACE	± .014	± 0.25																							
1 PLACE	---	± 0.36																							
				DRAFT WHEN APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.		SHEET NO. 2 DATE 8/27/9																	
		I SEE SHEET I		CHRG. BY AP'D BY: <table><tr><td>CS</td><td>SCHE. 4:</td><td>RW</td></tr></table>		CS	SCHE. 4:	RW	PART NO. SD-2004- SEE CHART		DWG. NO. SD-2004- SEE CHART														
CS	SCHE. 4:	RW																							
LTR.	REVISIONS	LTR.	REVISIONS	FILE NAME H0204C4 C10		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		REV.	SIZE																

I3	I2	I1	I0	9	8	7	6	2004	4	3	2	1				
PLUG				RECEPTACLE			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)									
PART NO.				PART NO.									ENG. 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		OBSOLETE								
03-06-7045		2004-PIRD		03-06-1052		2004-R5		OBSOLETE								
03-06-7046		2004-PIBN		03-06-6052		2004-R5BK		OBSOLETE								
03-06-7047		2004-PIOR		PRELIMINARY		2004-R2		OBSOLETE								
				03-06-6045		2004-RRD		OBSOLETE								
				03-06-6046		2004-RBN		OBSOLETE								
				03-06-6048		2004-ROR		OBSOLETE								

NOTE:

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

MAX. PANEL THICKNESS .060/(1.52)

"C"

"A"±.005/(0.08)

"B"±.005/(0.08)

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.

2004

2004

DIMENSIONS SHOWN (METRIC) INCH				UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR 10°	
5 PLACE ± .010				INCH METRIC	
2 PLACE ± .014				± 0.25	
1 PLACE ---				± 0.36	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRAWN BY JJS		CHK'D BY RW		SCALE 2 : 1	
APPRO'D BY RS					

TITLE		REVISE ONLY ON CAD SYSTEM	
PLUG AND RECEPTACLE HOUSINGS, 4 CIRCUIT .062/(1.57) DIA.			
PART NO. 2004-4		SHEET NO. 3	
DATE 8/28/91			
MOLEX INCORPORATED U.S.A.		60532	
DRAWING NO. SD-2004-4			
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