

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0314049171](#)  
**Status:** **Active**  
**Overview:** MX64 Sealed Connectors  
**Description:** 2.54mm MX64 Sealed Crimp Housing, Single Row, TE Generation Y Terminal, Black, 8 Circuits, Key A, with CPA Lock, Terminal 2 Plugged

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-31402-000-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-31300-256-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 314040003-000 (PDF)</a>
<a href="#">Product Specification PS-31404-001-1X8-001 (PDF)</a>	<a href="#">Test Summary TS-31404-001-1X8-001 (PDF)</a>
<a href="#">Application Specification 314020000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Housings
Series	<a href="#">31404</a>
Application	Power, Wire-to-Board
More Detailed Tech Information	<a href="http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications-Partnership">http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications -Partnership</a>
Overview	<a href="#">MX64 Sealed Connectors</a>
Polarization	A
Product Name	MX64
UPC	191128776523

**Physical**

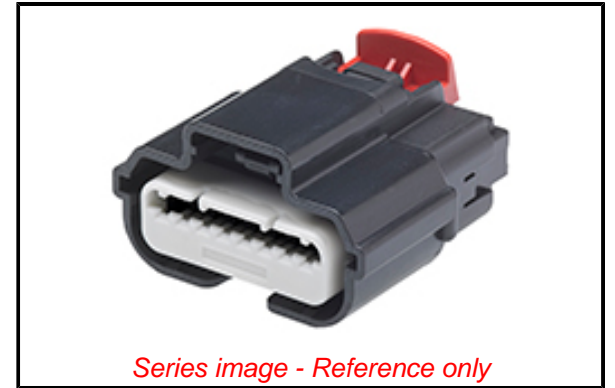
Circuits (maximum)	8
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	9.356/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +125°C

**Material Info**

Engineering Number	CVP314049171
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**Reference - Drawing Numbers**

Application Specification	314020000-000, AS-31402-000-001
Packaging Specification	PK-31300-256-001
Product Specification	PS-31404-001-1X8-001
Sales Drawing	SD-31404-811-001
Test Summary	314040003-000, TS-31404-001-1X8-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)  
Benzo(ghi)perylene  
Dodecamethylcyclohexasiloxane  
Decamethylcyclopentasiloxane  
Octamethylcyclotetrasiloxane  
1,2-  
Benzenedicarboxylic  
acid, bis(3-  
methylbutyl)  
1,3-Propanesultone  
C.I. Direct Black 38  
Ammonium-  
pentadecafluorooctanoate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
Dibutylbis(pentane-2,4-  
dionato-O,O')tin  
2-(2H-Benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
Terphenyl,  
hydrogenated  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dipentyl ester, br  
n-pentyl-  
isopentylphthalate  
Boric acid  
Aluminosilicate  
Refractory Ceramic  
Fibres

**China RoHS**

Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Dioctyltin dilaurate,  
stannane, dioctyl-,  
bis(co  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Lead chromate  
Lead chromate  
molybdate sulfate red  
Tris(2-chloroethyl)  
phosphate  
1,2-  
Benzenedicarboxylic  
acid, di-C7-11-  
branched  
1,2-  
Benzenedicarboxylic  
acid, bis(2-  
methoxyethyl  
Decabromodiphenylether  
Diboron-trioxide  
Cadmium  
pyrochlore, antimony  
lead yellow  
Lead-dinitrate  
Lead oxide sulfate  
(Pb2O(SO4))  
Lead-titanium-trioxide  
Pentalead-tetraoxide-  
sulphate  
Trilead-dioxide-  
phosphonate  
Cyanamide, lead(2+)  
salt (1:1)  
Cadmium Hydroxide  
Sulfurous Acid, Lead  
Salt, Dibasic  
Silicic acid (H2Si2O5),  
barium salt (1:1),  
lead-  
[Phthalato(2-)]dioxotrilead  
Dihexyl-phthalate  
Phenanthrene  
Imidazolidine-2-thione  
Dipentyl phthalate  
bis(2-(2-  
methoxyethoxy)ethyl)  
ether

**Halogen-Free  
Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[31404 Series](#)

**Mates With**

Sensors, Other USCAR Interfaces

**Use With**

TE Connectivity Generation Y  
0.64mm<br>MX64 Wire Dress Cover [31414](#)

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