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**Part Number:** [5054332441](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock Plus Wire-to-Board Connector System](#)  
**Description:** 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, 0.76µm Gold Plating, 24 Circuits, Tape and Reel, Black

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-505432-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification 5054339200-200 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification 5054320000-006 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Product Specification 5054321000-PS-006 (PDF)</a> |   |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | 505433   |
| Application    | Signal, Wire-to-Board  |
| Overview       | <a href="#">Micro-Lock Plus Wire-to-Board Connector System</a> |
| Product Name   | Micro-Lock Plus  |
| UPC            | 193264147830   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 24                    |
| Circuits (maximum)             | 24                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Gold                  |
| Material - Resin               | Polyamide             |
| Net Weight                     | 1367.540/mg           |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.25mm                |
| Plating min - Mating           | 0.762µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

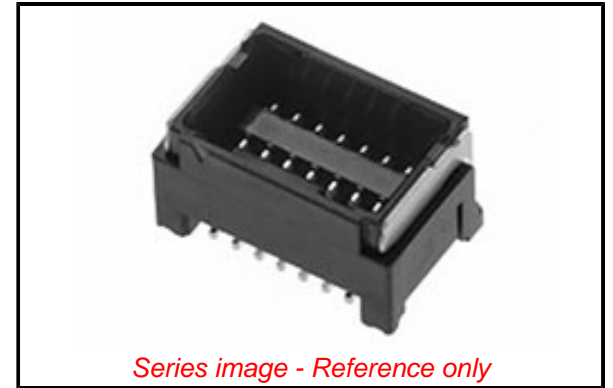
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.5A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-505432-001-001 |
| Packaging Specification   | 5054339200-200    |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
decamethylcyclopentasiloxane  
benzene-1,2,4-  
tricarboxylic acid 1,2-  
anhydride  
decamethylcyclopentasiloxane  
dodecamethylcyclohexasiloxane  
benzene-1,2,4-  
tricarboxylic acid 1,2-  
anhydride  
octamethylcyclotetrasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
dodecamethylcyclohexasiloxane  
heptacosafuorotetradecanoic  
acid  
tricosafuorododecanoic  
acid  
di-n-pentyl phthalate  
(DPP)  
6-methoxy-m-toluidine  
diisopentylphthalate  
methoxyacetic acid  
dibutyltin dichloride  
4,4'-methylenedi-o-  
toluidine  
1-vinylimidazole  
1,3-propanesultone  
chromium trioxide  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
henicosafuoroundecanoic  
acid

**China RoHS**

Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
[phthalato(2-)]dioxotrilead  
Fatty acids, C16-18,  
lead salts  
4-aminoazobenzene  
diethyl sulphate  
dimethyl sulphate  
N-methylacetamide  
dicyclohexyl phthalate  
dihexyl phthalate  
(DnHP)  
dinoseb (ISO)  
butyl 4-  
hydroxybenzoate  
o-toluidine  
4-methyl-m-  
phenylenediamine  
ethylene thiourea  
4-o-tolylazo-o-  
toluidine  
nitrobenzene  
1-bromopropane  
furan  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Trixylyl phosphate  
4-(1,1,3,3-  
tetramethylbutyl)phenol,  
ethoxylated  
2,3,3,3-tetrafluoro-2-  
(heptafluoropropoxy)propio  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Pyrene  
Cadmium nitrate  
Chrysene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Reaction  
products of 1,3,4-  
thiadiazolidine-2,5-d  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
4-(1,1,3,3-  
tetramethylbutyl)phenol,  
ethoxylated  
hexahydro-2-  
benzofuran-1,3-dione  
Sodium perborate;  
perboric acid, sodium  
salt  
Cadmium sulphate  
1,2-  
benzenedicarboxylic  
acid, di-C6-10-alkyl  
est  
5-sec-butyl-2-(2,4-  
dimethylcyclohex-3-  
en-1-yl)-5

Perfluorohexane-1-sulphonic acid and its salts  
ammoniumpentadecafluorooctanoate  
sodium  
peroxometaborate  
disodium octaborate  
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  
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b  
Terphenyl,  
hydrogenated  
1,2-Benzenedicarboxylic acid, dihexyl ester,  
bra  
pentacosafuorotridecanoic acid  
1,2-benzenedicarboxylic acid, dipentylester,  
bra  
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi  
n-pentyl-  
isopentylphthalate  
1,3-BENZENEDIOL, TRINITRO-, LEAD SALT  
Hydrazine  
Disodium tetraborate  
Boric acid  
Aluminosilicate  
Refractory Ceramic Fibres  
tetraboron disodium heptaoxide, hydrate  
cobalt carbonate  
cobalt di(acetate)  
cobalt sulphate  
2-ethoxyethyl acetate  
1,2-benzenedicarboxylic acid; di-C7-11-branched  
N-methyl-2-pyrrolidone  
1,2-benzenedicarboxylic acid; di-C6-8-branched a  
calcium arsenate  
bis(2-methoxyethyl) ether  
potassium  
hydroxyoctaoxodizincatedichromate(1-)

lead dipicrate  
N,N-  
dimethylacetamide  
arsenic acid  
2-methoxyaniline  
trilead diarsenate  
1,2-dichloroethane  
pentazinc chromate  
octahydroxide  
triethyl arsenate  
4,4'-  
diaminodiphenylmethane  
dibutyl phthalate  
(DBP)  
bis(2-ethylhexyl)  
phthalate (DEHP)  
lead hydrogen  
arsenate  
Butylbenzylphthalate  
(BBP)  
Anthracene oil,  
anthracene paste;  
Anthracene Oil  
Anthracene oil,  
anthracene paste,  
anthracene fra  
Anthracene oil,  
anthracene paste,  
distn. lights;  
Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
lead chromate  
Lead chromate  
molybdate sulfate red  
Lead sulfochromate  
yellow  
tris(2-chloroethyl)  
phosphate  
ammonium  
dichromate  
potassium chromate  
potassium dichromate  
sodium chromate  
[4-[[4-anilino-1-  
naphthyl]]4-  
(dimethylamino)phen  
 $\alpha,\alpha$ -Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)  
lead  
cadmium  
cadmium fluoride  
pyrochlore, antimony  
lead yellow  
lead dinitrate  
cadmium chloride  
Silicic acid, lead salt  
lead oxide sulfate  
pentalead tetraoxide  
sulphate  
trilead dioxide  
phosphonate  
tetralead trioxide  
sulphate

dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
cadmium hydroxide  
Acetic acid, lead salt,  
basic  
Sulfurous acid, lead  
salt, dibasic  
Formaldehyde,  
polymer with  
benzenamine  
bis(2-methoxyethyl)  
phthalate  
lead diazide  
phenolphthalein  
dichromium  
tris(chromate)  
4,4'-  
bis(dimethylamino)benzophenone  
1,2-dimethoxyethane  
cadmium carbonate  
[4-[4,4'-  
bis(dimethylamino)  
benzhydrylidene]cycl  
4,4'-  
bis(dimethylamino)-4''-  
(methylamino)trityl  
bis(pentabromophenyl)  
ether  
diboron trioxide  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
trilead bis(carbonate)  
dihydroxide  
Lead oxide  
1,3,5-  
tris(oxiranylmethyl)-1,3,5-  
triazine-2,4,6(

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[505433 Series](#)

**Mates With**

Micro-Lock Plus Receptacle Housing  
[505432](#)

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