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**Part Number:** [5007620482](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** 2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 48 Circuits, Gray

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  |  |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">500762</a>   |
| Application    | Automotive, Power, Wire-to-Board                               |
| Comments       | Coding: Gray   |
| Overview       | <a href="#">CMC and CMX Sealed, Hybrid, Modular Connectors</a> |
| Product Name   | CMC  |
| UPC            | 889056656313   |

**Physical**

|                                |                                    |
|--------------------------------|------------------------------------|
| Breakaway                      | No                                 |
| Circuits (Loaded)              | 48                                 |
| Circuits (maximum)             | 48                                 |
| Circuits Detail                | 8 x 1.5mm & 40 x 0.635mm terminals |
| Color - Resin                  | Gray                               |
| Durability (mating cycles max) | 20                                 |
| First Mate / Last Break        | Yes                                |
| Glow-Wire Capable              | No                                 |
| Guide to Mating Part           | No                                 |
| Keying to Mating Part          | Yes                                |
| Lock to Mating Part            | Yes                                |
| Material - Metal               | Copper Alloy                       |
| Material - Plating Mating      | Tin                                |
| Material - Plating Termination | Tin                                |
| Net Weight                     | 35.300/g                           |
| Number of Rows                 | 4                                  |
| Orientation                    | Right Angle                        |
| PC Tail Length                 | 3.60mm                             |
| PCB Locator                    | Yes                                |
| PCB Retention                  | None                               |
| PCB Thickness - Recommended    | 1.60mm                             |
| Packaging Type                 | Tray                               |
| Pitch - Mating Interface       | 2.50mm, 3.50mm, 3.70mm             |
| Pitch - Termination Interface  | 2.50mm, 3.50mm, 3.70mm             |
| Polarized to Mating Part       | Yes                                |
| Polarized to PCB               | Yes                                |
| Shrouded                       | Closed Ends                        |
| Stackable                      | No                                 |
| Surface Mount Compatible (SMC) | No                                 |
| Temperature Range - Operating  | -40° to +125°C                     |
| Termination Interface: Style   | Solder or Weld                     |

**Electrical**

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 12.0A, 2.5A |
| Voltage - Maximum             | 14V DC      |

**Material Info**



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
chromium trioxide  
1,3-propanesultone  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
henicosaflluoroundecanoic  
acid  
1,3-propanesultone  
ammoniumpentadecafluorooctanoate  
1,3-propanesultone  
1-vinylimidazole  
4,4'-methylenedi-o-  
toluidine  
2-methylimidazole  
dibutyltin dichloride  
1,2-diethoxyethane  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
dibutylbis(pentane-2,4-  
dionato-O,O')tin  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
1,7,7-trimethyl-3-  
(phenylmethylene)bicyclo[2.2.1  
sodium  
peroxometaborate  
perfluorooctanoic acid

**China RoHS**

tricosafuorododecanoic  
acid  
di-n-pentyl phthalate  
(DPP)  
C,C'-  
azodi(formamide)  
6-methoxy-m-toluidine  
2-methoxyethyl  
acetate  
furan  
ethylenediamine  
1-bromopropane  
nitrobenzene  
4-tert-butylphenol  
4-o-tolylazo-o-  
toluidine  
ethylene thiourea  
1,2-diethoxyethane  
methoxyacetic acid  
diisopentylphthalate  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
octamethylcyclotetrasiloxane  
decamethylcyclopentasiloxane  
dodecamethylcyclohexasiloxane  
heptacosafuorotetradecanoic  
acid  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Reaction  
products of 1,3,4-  
thiadiazolidine-2,5-d  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Chrysene  
Pyrene  
Fluoranthene  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
5-sec-butyl-2-(2,4-  
dimethylcyclohex-3-  
en-1-yl)-5  
1,2-  
benzenedicarboxylic  
acid, di-C6-10-alkyl  
est  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Cadmium sulphate  
Sodium perborate;  
perboric acid, sodium  
salt  
Methylhexahydrophthalic  
anhydride  
hexahydro-2-  
benzofuran-1,3-dione

4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Perfluorononan-1-oic acid  
(2,2,3,3,4,4,5,5,6,6,7-Disodium tetraborate  
Hydrazine  
1,3-BENZENEDIOL, TRINITRO-, LEAD SALT  
n-pentyl-isopentylphthalate  
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi  
2-benzyl-2-dimethylamino-4-morpholinobutyropheno  
4,4-isobutylethylidenediphenol  
2-methyl-1-(4-methylthiophenyl)-2-morpholinoprop  
1,2-benzenedicarboxylic acid, dipentylester, bra  
pentacosafuorotridecanoic acid  
diisohexyl phthalate  
1,2-Benzenedicarboxylic acid, dihexyl ester, bra  
Tris(4-nonylphenyl, branched and linear) phosphi  
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio  
Nonadecafluorodecanoic acid (PFDA) and its sodiu  
4-Heptylphenol, branched and linear  
4-Nonylphenol, branched and linear, ethoxylated  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Trixylyl phosphate  
4-Nonylphenol, branched and linear  
[substances w  
Acids generated from chromium trioxide and their  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Aluminosilicate  
Refractory Ceramic  
Fibres

4,4'-Oxydianiline and  
its salts  
Boric acid  
ethylene thiourea  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
lead di(acetate)  
[4-[4,4'-  
bis(dimethylamino)  
benzhydrylidene]cycl  
4,4'-  
bis(dimethylamino)-4''-  
(methylamino)trityl  
1,2-dimethoxyethane  
N,N,N',N'-  
tetramethyl-4,4'-  
methylenedianiline  
4,4'-  
bis(dimethylamino)benzophenone  
tetraethyllead  
formamide  
2,2'-dichloro-4,4'-  
methylenedianiline  
dichromium  
tris(chromate)  
phenolphthalein  
lead diazide  
bis(2-methoxyethyl)  
phthalate  
Formaldehyde,  
polymer with  
benzenamine  
pentazinc chromate  
octahydroxide  
orange lead  
cadmium sulphide  
cadmium oxide (non-  
pyrophoric)  
diboron trioxide  
bis(pentabromophenyl)  
ether  
cobalt sulphate  
cobalt dinitrate  
cobalt di(acetate)  
cobalt carbonate  
2-ethoxyethanol  
trichloroethylene  
tetraboron disodium  
heptaoxide, hydrate  
sodium chromate  
potassium dichromate  
potassium chromate  
ammonium  
dichromate  
tris(2-chloroethyl)  
phosphate  
Pitch, coal tar, high-  
temp.; Pitch

Lead sulfochromate  
yellow  
Lead chromate  
molybdate sulfate red  
lead chromate  
diisobutyl phthalate  
(DIBP)  
Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
Anthracene oil,  
anthracene paste,  
distn. lights;  
Anthracene oil,  
anthracene paste,  
anthracene fra  
Anthracene oil,  
anthracene paste;  
Anthracene Oil  
Anthracene oil;  
Anthracene oil  
2,4-dinitrotoluene  
lead hydrogen  
arsenate  
4,4'-  
diaminodiphenylmethane  
triethyl arsenate  
pentazinc chromate  
octahydroxide  
1,2-dichloroethane  
trilead diarsenate  
2-methoxyaniline  
arsenic acid  
N,N-  
dimethylacetamide  
lead dipicrate  
potassium  
hydroxyoctaoxidizincatedichromate(1-)  
bis(2-methoxyethyl)  
ether  
calcium arsenate  
1,2-  
benzenedicarboxylic  
acid; di-C6-8-  
branched a  
1,2,3-trichloropropane  
N-methyl-2-  
pyrrolidone  
1,2-  
benzenedicarboxylic  
acid; di-C7-11-  
branched  
strontium chromate  
2-ethoxyethyl acetate  
benzo[a]pyrene  
1,3,5-tris-[(2S  
and 2R)-2,3-  
epoxypropyl]-1,3,5-t  
lead(II)  
methanesulphonate  
Fatty acids, C16-18,  
lead salts  
[phthalato(2-)]dioxotrilead

Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Sulfurous acid, lead  
salt, dibasic  
Acetic acid, lead salt,  
basic  
lead cyanamidate  
lead  
bis(tetrafluoroborate)  
Lead titanium  
zirconium oxide  
4-methyl-m-  
phenylenediamine  
o-toluidine  
butyl 4-  
hydroxybenzoate  
dinoseb (ISO)  
phenanthrene  
dihexyl phthalate  
(DnHP)  
p-(1,1-  
dimethylpropyl)phenol  
N-methylacetamide  
dimethyl sulphate  
propylene oxide  
diethyl sulphate  
4-aminoazobenzene  
benzo[a]pyrene  
Silicic acid, lead salt  
cadmium chloride  
lead dinitrate  
pyrochlore, antimony  
lead yellow  
cadmium fluoride  
cadmium  
lead  
 $\alpha,\alpha$ -Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)  
[4-[[4-anilino-1-  
naphthyl]]4-  
(dimethylamino)phen  
1,3,5-  
tris(oxiranylmethyl)-1,3,5-  
triazine-2,4,6(  
Lead oxide  
trilead bis(carbonate)  
dihydroxide  
Lead titanium  
zirconium oxide  
dioxobis(stearato)trilead  
tetralead trioxide  
sulphate  
trilead dioxide  
phosphonate  
pentalead tetraoxide  
sulphate  
lead titanium trioxide  
lead oxide sulfate

**Halogen-Free  
Status**

**Not Relevant**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Not Relevant  |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[500762 Series](#)

**Mates With**

CMC Receptacles [643201318](#) , [643203318](#)

**Use With**

Terminal [64322](#) , [64323](#) , Wire Cap  
[643201301](#) , Blind Plug [64325](#)

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