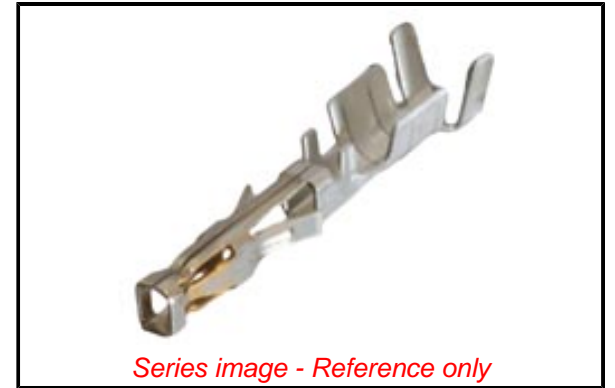


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**Part Number:** **0462350001**  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit RMF Reduced Mating Force, Crimp Terminal, Female, with 0.38µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, without Lubricant

**Documents:**

|                                                                |                                                      |
|----------------------------------------------------------------|------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Test Summary TS-46235-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-46235-001-001 (PDF)</a>   | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification PK-46235-001-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>             |
| <a href="#">Test Summary 430450006-TS-000 (PDF)</a>            |                                                      |



**General**

|                         |                                     |
|-------------------------|-------------------------------------|
| Product Family          | Crimp Terminals                     |
| Series                  | 46235                               |
| Application             | Power, Wire-to-Board, Wire-to-Wire  |
| Comments                | Up to 50% reduction in mating force |
| Crimp Quality Equipment | Yes                                 |
| Overview                | <u>Micro-Fit Connector System</u>   |
| Product Name            | Micro-Fit RMF                       |
| UPC                     | 800756683485                        |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 40                   |
| Gender                         | Female               |
| Material - Metal               | Copper-Zinc-Tin      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Net Weight                     | 0.046/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.381µm              |
| Plating min - Termination      | 1.270µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.85mm max.          |
| Wire Size AWG                  | 20, 22, 24           |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
|-------------------------------|------|

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | PK-46235-001-001                   |
| Product Specification   | PS-46235-001-001                   |
| Sales Drawing           | SD-46235-001                       |
| Test Summary            | 430450006-TS-000, TS-46235-001-001 |

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
di-n-pentyl phthalate  
(DPP)  
perfluorooctanoic acid  
decamethylcyclotrasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
diisopentylphthalate  
1,2-diethoxyethane  
dibutyltin dichloride  
1,3-propanesultone  
ammoniumpentadecafluorooctanoate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
n-pentyl-  
isopentylphthalate  
Boric acid  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi

**China RoHS**

Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Lead sulfochromate  
yellow  
strontium chromate  
bis(2-methoxyethyl)  
ether  
pentazinc chromate  
octahydroxide  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
bis(pentabromophenyl)  
ether  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
lead  
cadmium  
lead dinitrate  
lead oxide sulfate  
pentalead tetraoxide  
sulphate  
dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
lead cyanamidate  
Sulfurous acid, lead  
salt, dibasic  
[phthalato(2-)]dioxotrilead  
benzo[a]pyrene  
4-aminoazobenzene  
dihexyl phthalate  
(DnHP)  
ethylene thiourea

**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**

[46235](#) Series

**Mates With**

[43031](#) Micro-Fit 3.0 Male Crimp Terminals

**Use With**

43025 , 43645 Micro-Fit 3.0 Receptacle Housings, 44133 Micro-Fit BMI Panel Mount Receptacle Housings

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| <b>Description</b>                                                                | <b>Product #</b>          |
|-----------------------------------------------------------------------------------|---------------------------|
| Extraction Tool                                                                   | <a href="#">11030043</a>  |
| Hand Crimp Tool for Low Force Crimp Terminals                                     | <a href="#">638192900</a> |
| FineAdjust Applicator for Low-Force Micro-Fit 3.0 Crimp Terminals, 20-24 AWG Wire | <a href="#">639046500</a> |
| T2 Terminator Tooling to be used with Low Force Crimp Terminals, 20-24 AWG Wire   | <a href="#">639101400</a> |

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