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Part Number: [5054878000](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: DuraClik TPA Wire-to-Board Crimp Receptacle Terminal, Female, Gold Plating

Documents:

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 5051510002-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification SPK-505487-001-001 \(PDF\)](#)

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 505487 |
| Application | Automotive, Signal, Wire-to-Board |
| Crimp Quality Equipment | Yes |
| Overview | DuraClik Connector System |
| Product Name | DuraClik |
| UPC | 889056212601 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 66.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.203µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.50mm |
| Wire Size AWG | 22, 24 |
| Wire Size mm ² | 0.20-0.33 |

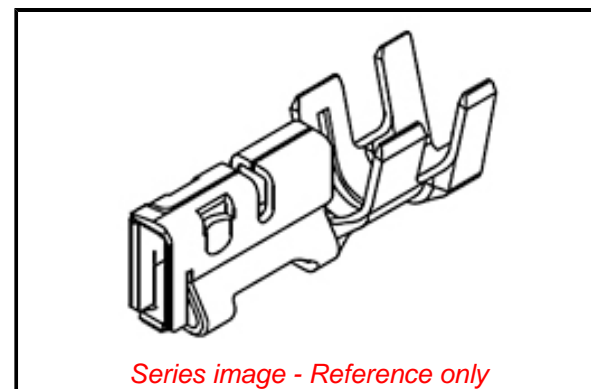
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 125V |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------------|--------------------|
| Application Tooling Documents | 5781423700ATS-000 |
| Crimp Specification | 5054870000-000 |
| Packaging Specification | SPK-505487-001-001 |
| Product Specification | 5051510002-000 |
| Sales Drawing | SD-505487-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
ethylene thiourea
di-n-pentyl phthalate
(DPP)
perfluorooctanoic acid
decamethylcyclopentasiloxane
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
1,3-propanesultone
ammoniumpentadecafluorooctanoate
disodium octaborate
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
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

China RoHS

Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
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
dihexyl phthalate
(DnHP)
Lead sulfochromate
yellow
tris(2-chloroethyl)
phosphate
strontium chromate
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
bis(2-methoxyethyl)
ether
potassium
hydroxyoctaoxidizincatedichromate(1-)
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
phthalate
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
diboron trioxide
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

Halogen-Free

Status

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

[505487](#) Series

Use With

DuraClik TPA Wire-to-Board Receptacle
Housing [505151](#)

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

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

| | |
|---|---------------------------|
| Hand Crimp Tool for 2.00mm W/ B Receptacle Terminals | 638276400 |
|---|---------------------------|

| | |
|-------------|---------------------------|
| Fine Adjust | 639042600 |
|-------------|---------------------------|

| | |
|--|--|
| Applicator for 2.00mm Wire-to- Board DuraClik TPA ReceptacleTerminals | |
|--|--|

Japan

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

| | |
|--|----------------------------|
| S-1 Applicator for DuraClik Receptacle Terminals, 22-24 AWG | 5781423700 |
|--|----------------------------|

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