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Part Number: 5051102096

Status: Active

Overview: Easy-On FFC FPC Connectors

Description: Easy-On FFC/FPC Connector, 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 20 Circuits, 150°C Operating Temperature, Gold over Nickel Plating

Series image - Reference only

Documents:

- 3D Model (PDF)
- Drawing (PDF)
- 3D Model
- Product Specification 5051100008-PS-000 (PDF)
- Packaging Specification 5051109200-200 (PDF)
- Datasheet (PDF)
- Product Guide (PDF)
- RoHS Certificate of Compliance (PDF)
- Reference Guide (PDF)

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Contained Per - D(2020)4578-DC (25 June 2020)
disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)
1,2-diethoxyethane
1-vinylimidazole
1,3-propanesultone
disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]
ammoniumpentadecafluorooctanoate
2-benzotriazol-2-yl-4,6-di-tert-butylphenol
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p
sodium peroxometaborate
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
Terphenyl, hydrogenated
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
dodecamethylcyclohexasiloxane
benzo[a]pyrene
dimethyl sulphate

General	
Product Family	FFC/FPC Connectors
Series	505110
Comments	Black Actuator
Overview	Easy-On FFC FPC Connectors
Product Name	Easy-On
Series Name	FD19
UPC	889056535786
Physical	
Actuator Type	Flip
Circuits (Loaded)	20
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	20
Mated Height	1.90mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	173.700/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.051µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +150°C
Wire/Cable Type	FFC/FPC
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	5051109200-200

Product Specification	5051100008-PS-000
Sales Drawing	5051100008-SD-000, 5051101008-SD-000

N-methylacetamide
p-(1,1-dimethylpropyl)phenol
dicyclohexyl phthalate
phenanthrene
butyl 4-hydroxybenzoate
o-toluidine
4-methyl-m-phenylenediamine
ethylene thiourea
4-o-tolylazo-o-toluidine
furan
di-n-pentyl phthalate (DPP)
perfluorooctanoic acid
dodecamethylcyclohexasiloxane
pentacosafluorotridecanoic acid
Nonadecafluorodecanoic acid (PFDA) and its sodiu
Tris(4-nonylphenyl, branched and linear) phosphi
Perfluorobutane sulfonic acid (PFBS) and its sal
Pyrene
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
Methylhexahydrophthalic anhydride
Bisphenol-A
Cadmium sulphate
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioct
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
4-Nonylphenol, branched and linear, ethoxylated
pentacosafluorotridecanoic acid
1,2-benzenedicarboxylic acid, dipentylester, bra

2-methyl-1-(4-methylthiophenyl)-2-morpholinoprop
2-benzyl-2-dimethylamino-4-morpholinobutyropheno
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
n-pentyl-isopentylphthalate
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and its salts
Sodium dichromate
Aluminosilicate Refractory Ceramic Fibres
Zirconia Aluminosilicate Refractory Ceramic Fibr
4-Nonylphenol, branched and linear [substances w
Trixylyl phosphate
4-Nonylphenol, branched and linear, ethoxylated
potassium chromate
potassium dichromate
tetraboron disodium heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
2-methoxyethanol
cobalt carbonate
cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
1,2-benzenedicarboxylic acid; di-C7-11-branched
N-methyl-2-pyrrolidone
1,2,3-trichloropropane
1,2-benzenedicarboxylic acid; di-C6-8-branched a
potassium hydroxyoctaoxodizincatedichromate(1-)
potassium chromate
4,4'-diaminodiphenylmethane
dibutyl phthalate (DBP)
cobalt dichloride
diarsenic pentaoxide
diarsenic trioxide
musk xylene
bis(2-ethylhexyl) phthalate (DEHP)

alkanes, C10-13,
chloro
bis(tributyltin) oxide
lead hydrogen
arsenate
Anthracene oil,
anthracene-low;
Anthracene Oil F
lead chromate
Lead chromate
molybdate sulfate red
Pitch, coal tar, high-
temp.; Pitch
potassium
hydroxyoctaoxodizincatedichromate(1-)
[4-[[4-anilino-1-
naphthyl][4-
(dimethylamino)phen
lead
cadmium
lead dinitrate
Silicic acid, lead salt
lead oxide sulfate
lead titanium trioxide
tetralead trioxide
sulphate
dioxobis(stearato)trilead
lead
bis(tetrafluoroborate)
Sulfurous acid, lead
salt, dibasic
Silicic acid (H2Si2O5),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts
benzo[a]pyrene
[4-[[4-anilino-1-
naphthyl][4-
(dimethylamino)phen
arsenic acid
trilead diarsenate
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
phthalate
dichromium
tris(chromate)
2,2'-dichloro-4,4'-
methylenedianiline
N,N,N',N'-
tetramethyl-4,4'-
methylendianiline
cadmium carbonate
diboron trioxide
cadmium oxide (non-
pyrophoric)
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(

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
505110 Series

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