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Part Number:

0512811894

Status:

Active

Overview:

Description:

0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 18 Circuits, Gold (Au) Plating

General	
Product Family	FFC/FPC Connectors
Series	51281
Overview	easyon_ffc_fpc_connectors
Product Name	Easy-On
UPC	822348699971
Physical	
Actuator Type	Non-ZIF
Circuits (Loaded)	18
Color - Resin	Natural
Contact Position	Dual
Durability (mating cycles max)	20
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	109.803/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
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20° to +85°C
Wire/Cable Type	FFC/FPC
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-51281-001-001
Packaging Specification	SPK-51281-001-001
Product Specification	PS-51281-003-001
Sales Drawing	SD-51281-011-001, SD-51281-012-001

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Terphenyl,
hydrogenated
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol
Dibutylbis(pentane-2,4-
dionato-O,O')tin
Disodium-octaborate
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
Ammonium-
pentadecafluorooctanoate
C.I. Direct Black 38
1,3-Propanesultone
Dibutyltin-dichloride
1,2-diethoxyethane
Octamethylcyclotetrasiloxane
Decamethylcyclopentasiloxane
Dodecamethylcyclohexasiloxane
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Benzo(ghi)perylene
bis(2-(2-
methoxyethoxy)ethyl)
ether
Dipentyl phthalate
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Diocetyl tin dilaurate,
stannane, dioctyl-,
bis(co
Pyrene
Fluoranthene
Perfluorobutane
sulfonic acid (PFBS)
and its sal

Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodium
Zirconia
Aluminosilicate
Refractory Ceramic
Fibers
Aluminosilicate
Refractory Ceramic
Fibers
Boric acid
n-pentyl-
isopentylphthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, bis
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bis
Lead oxide sulfate
(Pb2O(SO4))
Lead-dinitrate
pyrochlore, antimony
lead yellow
Cadmium
Lead
Cadmium-sulphide
Cadmium-oxide
Decabromodiphenylether
1,2-bis(2-
methoxyethoxy)ethane
1,2-Dimethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(2-
methoxyethyl
bis(2-methoxyethyl)
ether
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched
Strontium-chromate
Boric acid, disodium
salt, hydrate
Tris(2-chloroethyl)
phosphate
Lead chromate
Imidazolidine-2-thione
Phenanthrene
Dihexyl-phthalate
Dicyclohexyl-
phthalate
N,N-
Dimethylformamide
Fatty Acids, C16-18,
Lead Salts
[Phthalato(2-)]dioxotrilead

Silicic acid (H2Si2O5),
barium salt (1:1),
lead-
Sulfurous Acid, Lead
Salt, Dibasic
Cadmium Hydroxide
Cyanamide, lead(2+)
salt (1:1)
Lead titanium
zirconium oxide
Dioxobis(stearato)trilead
Tetralead-trioxide-
sulphate
Trilead-dioxide-
phosphonate
Pentalead-tetraoxide-
sulphate
Lead-titanium-trioxide

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[51281](#) Series

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