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Part Number: [0903270360](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: Picoflex PF-50, Low Profile, IDT Receptacle, 8 Circuits, White, Tin (Sn) Plated, Reeling Option B

Documents:

3D Model	Product Specification PS-99020-0011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90327-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

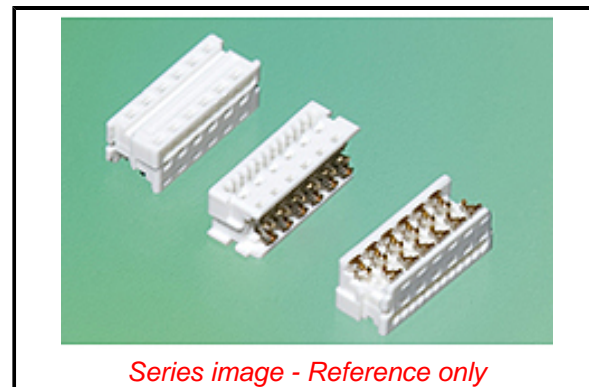
Product Family	Ribbon Cable / Wire Trap Connectors
Series	90327
Comments	Low Profile Reeling Option B
Component Type	Housing
Glow-Wire Capable	No
Overview	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	800753673229

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	White
Durability (mating cycles max)	30
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.510/g
Number of Rows	2
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	IDT or Pierce
Wire Insulation Diameter	1.00mm max.
Wire Size AWG	26, 28
Wire/Cable Type	Ribbon Cable

Electrical

Current - Maximum per Contact	1.2A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Dodecamethylcyclhexasiloxane
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
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

China RoHS

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-90327-001-001

PS-99020-0011-001

SDA-90327-001, SDA-90327-002

Lead-titanium-trioxide
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
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
Dioctyltin 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
sodiu
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Boric acid
n-pentyl-
isopentylphthalate

1,2-Benzenedicarboxylic acid, dipentyl ester, br diisohexyl phthalate
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
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

Halogen-Free

Status

Not 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

[90327 Series](#)

Mates With

Low Profile Vertical [90325](#) , Low Profile Right Angle [90800](#) , [90715](#) , [90814](#) , [90779](#)
Vertical, [91714](#) 1.27mm Pitch Picoflex PF-50 Header

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 #
Extractor Tool for Connectors	621006000
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	690081070
Semi-Automatic Bench Press PB14 for 4-26 Circuit	691271001

Semi-Automatic 691271004
PB14 Bench Press
with Auto De-reeling
Assembly of De- 691275045
Tape Unit for
PB14 Part Number
691271001

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