

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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**

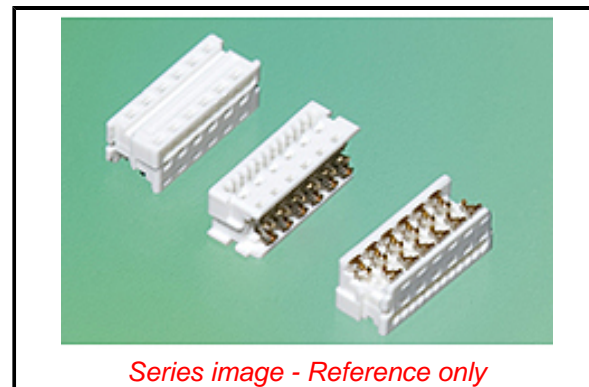
Product Family Ribbon Cable / Wire Trap Connectors  
 Series 90327  
 Comments Low Profile|Reeling Option B  
 Component Type Housing  
 Glow-Wire Capable No  
 Overview Picoflex Ribbon-Cable Connectors  
 Product Name Picoflex  
 UPC 800753673229

**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



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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
 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	<a href="#">621006000</a>
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	<a href="#">690081070</a>
Semi-Automatic Bench Press PB14 for 4-26 Circuit	<a href="#">691271001</a>

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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