Part Number : 903270318
Product Description : Picoflex PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Tin (Sn) Plated, Bag
Series Number : 90327
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

903270318_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

908140000-AS-000.pdf

PK-90327-001-001.pdf

PS-99020-0011-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	90327
Description	Picoflex PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Tin (Sn) Plated, Bag
Comments	Low Profile
Component Type	Housing
Product Name	Picoflex
UPC	800753538160

Agency

CSA	LR19980
UL	E29179

Electrical

Voltage - Maximum	250V

Physical

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	White

Durability (mating cycles max)	30
Entry Angle	Vertical
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.073/g
Number of Rows	2
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	IDT or Pierce
Wire/Cable Type	Ribbon Cable
Wire Insulation Diameter	1.00mm max.
Wire Size (AWG)	26, 28

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Picoflex PF-50 Vertical Low Profile	90325

Headers	
Picoflex PF-50 Vertical Low Profile Headers	90779
Picoflex PF-50 Vertical Surface Mount Headers	90814

Application Tooling

Global

Description	Part Number
Extractor Tool for Connectors	621006000
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	690081070
PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 28-26 AWG Flat Cable, 1.00mm max. Thickness	690081090
Arbor Press Fixture	690201902
Semi-Automatic Bench Press PB14 for 4-26 Circuit	691271001
Semi-Automatic PB14 Bench Press with Auto De-reeling	691271004
Assembly of De-Tape Unit for Semi-Automatic Bench Press PB14	691275045