molex



Part Number : 22012167
Product Description : KK 254 Crimp Housing, Friction Ramp, 16 Circuits, Natural
Series Number : 2695
Status : Active
Product Category : Connector Housings
Engineering Number : 2695-16R

Documents & Resources

Drawings

022012167_sd.pdf

26950002-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-10-07-001.pdf

TS-10-07-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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	2695
Description	KK 254 Crimp Housing, Friction Ramp, 16 Circuits, Natural
Application	Signal, Wire-to-Board
Product Name	KK 254
UPC	800753690059

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	16
Color - Resin	Natural (White)
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon

Net Weight	1.676/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Stackable	No
Temperature Range - Operating	See Product Specification

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 RPC Vertical Headers with Friction Lock	171856
KK 254 RPC Right-Angle Headers with Friction Lock	171857
KK 254 Single Row Vertical Headers	4030
KK 254 Vertical Breakaway Headers with Friction Lock	42375
KK 254 Right-Angle Breakaway Headers	42376
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377
KK 254 Vertical Single Row Solid Headers	6373
KK 254 Vertical Single Row Headers	6410

Use with Part(s)

Description	Part Number
Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black	797580007

Pre-Crimped Lead KK 254 Female-to-KK 254 Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black	797580015
KK 254 Female Crimp Terminals	2759
KK 254 Cat Ear Crimp Terminals	41572
KK 254 Female Crimp Terminals	4809
KK 254 Female Crimp Terminals	6459
KK 254 Female Crimp Terminals	8088