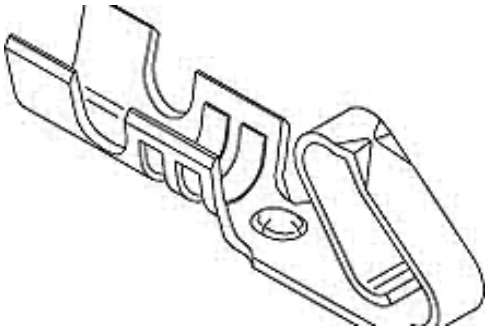
molex



Part Number : 08700049
Product Description : KK Cat Ear Crimp Terminal 5159, 28-22 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating
Series Number : 5159
Status : Not Recommended For New Design
Product Category : Crimp Terminals
Engineering Number : 5159PBTL
Packaging Alternative : 08700048 (Reel)

Documents & Resources

Drawings

008700049_sd.pdf

008700049_stp.zip

Specifications

51599200SPK-200.pdf

PS-5045-001-001.pdf

PS-5045-002-001.pdf

50510000-000.pdf

50510002-PS-000.pdf

PS-5051-006-001.pdf

PS-5102-004-001.pdf

PS-5159-003-001.pdf

Tooling Specifications

CS-5159-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
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	Not Recommended For New Design
Category	Crimp Terminals
Series	5159
Description	KK Cat Ear Crimp Terminal 5159, 28-22 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating
Application	Signal, Wire-to-Board
Product Name	Cat Ear,KK
UPC	800753614369

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	91.500/mg

Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.70mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm^2	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	2695
KK 2.50mm Pitch Single Row Receptacle Housings	5051

Application Tooling

Global

Description	Part Number
Extraction Tool for KK 2.54mm Terminals, 30-22 AWG	11030022
PremiumGrade Hand Crimp Tool for KK 2.54mm Crimp Terminals, 30-22 AWG	638118200
Insertion Tool for KK 2.54mm Terminals, 30-22 AWG	638120000

Japan

Description	Part Number
Hand Extraction Tool	11260059