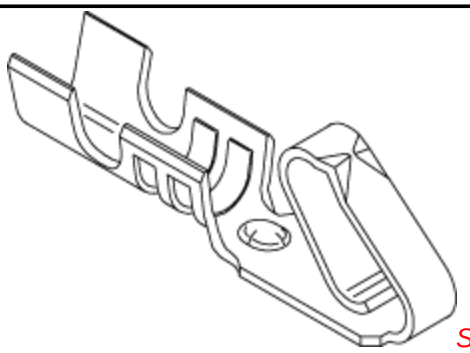
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Part Number: 0008700048
Status: Active
Overview: kk
Description: KK® Cat Ear Crimp Terminal 5159, 22-28 AWG, Reel, Phosphor Bronze, Tin (Sn) Plating



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-5045-001 (PDF)
- Product Specification PS-5045-002 (PDF)
- Product Specification PS-5047-001 (PDF)
- Product Specification PS-5051-003 (PDF)
- Product Specification PS-5051-004 (PDF)
- Product Specification PS-5102-004 (PDF)
- Product Specification PS-5159-003 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5159
Crimp Quality Equipment	Yes
Overview	kk
Product Name	Cat Ear, KK®

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.70mm (.047-.067")
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

Material Info

Old Part Number	5159PBT

Reference - Drawing Numbers

Packaging Specification	SPK-5159-001
Product Specification	PS-5045-001, PS-5045-002, PS-5047-001, PS-5051-003, PS-5051-004, PS-5102-004, PS-5159-003
Sales Drawing	SD-5159*

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
5159Series

Use With
2695 , 5051 , 6471 , 3071

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 #
Extraction Tool	0011030022
Insertion Tool	0638120000
Mini-Mac™ Applicator, Use with Large Wire Insulation Diameter	0638882000
Mini-Mac™ Applicator, Use with Small Wire Insulation Diameter	0638882100

Japan

Description	Product #
Hand Extraction Tool	0011260059
Applicator for M211A Bench Press, 22-28 AWG, for 5159 Crimp Terminal	0011260107

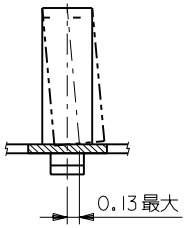
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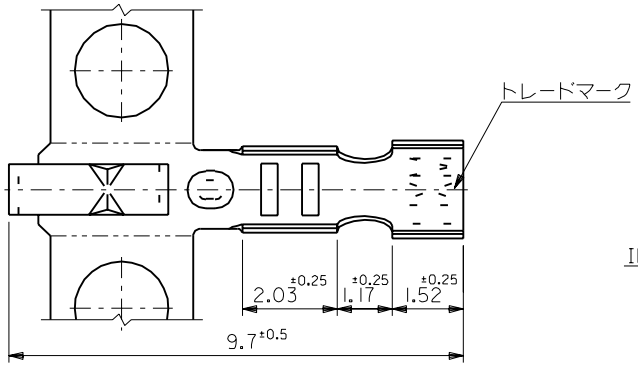
ENG. NO SD-5159*

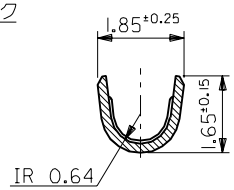
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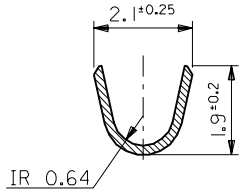


断面 A－A

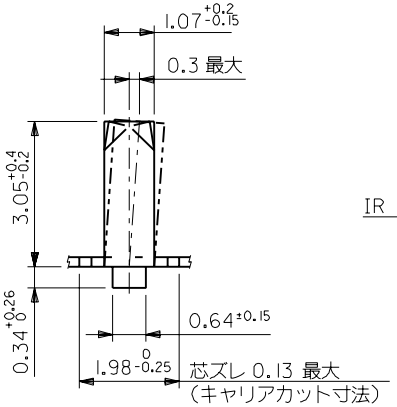


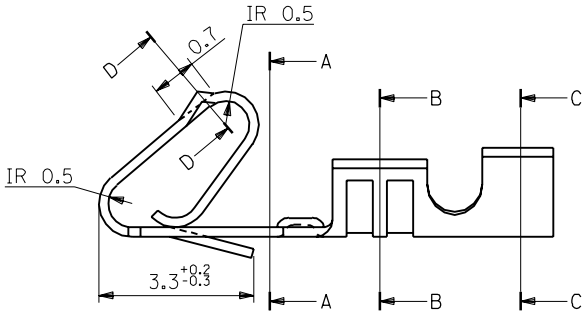


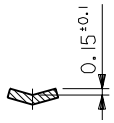
断面 B－B



断面 C－C







断面 D－D

錫 0.9μm以上	リン青銅	バラ状	08-70-0049	5159PBTL
リフロー処理	メッキ済	連鎖状	08-70-0048	5159PBT
錫 0.9μm以上	黄　銅	バラ状	08-70-0069	5159TL
銅下地 0.5μm以上	メッキ済	連鎖状	08-70-0064	5159T
メッキ仕様	材　質	端子形状	EDP NO.	ENG. NO.

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 30 未満 OVER UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
J	変更及び再作図 (J00775)	S.M H.H	90/7/9

REVISE ONLY ON CAD SYSTEM

材料 MATERIAL 表参照
板厚：0.203

仕上げ FINISH 表参照

適用電線範囲 WIRE RANGE AWG #22-#28

被覆外径 INS. RANGE Φ(1.2)-1.7

DRAWN BY '90/7/9 S.MOCHIZUKI
CHK'D BY '91/03/26 M.AKUSHIMA
APP'D BY '91/03/26 M.ENOMOTO
尺度 SCALE 10-1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

EDP. NO. 08-70-00**

ENG. NO. SD-5159* REV J

TITLE 名称 MINI. KK. CRIMP RECEPTACLE

5159.S01 A

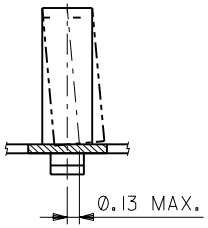
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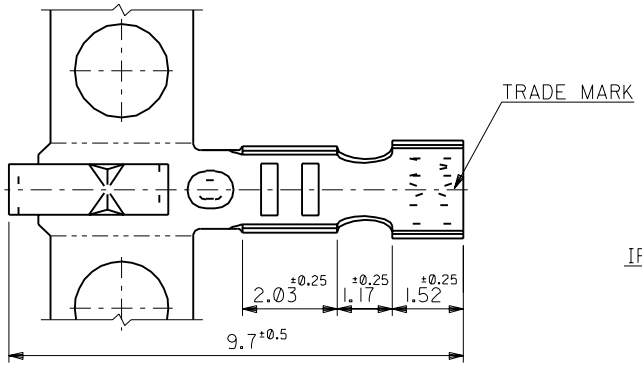
ENG. NO SD-5159*

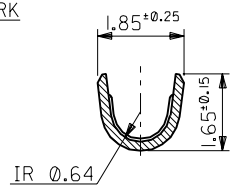
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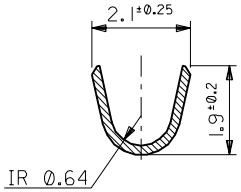


SECT. A-A

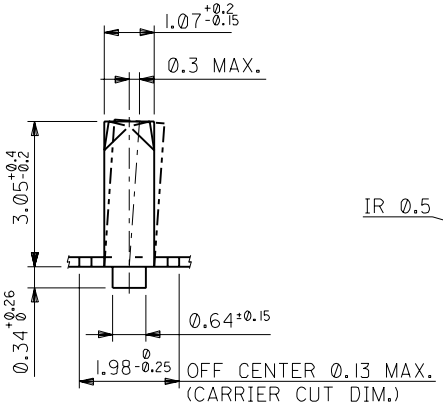


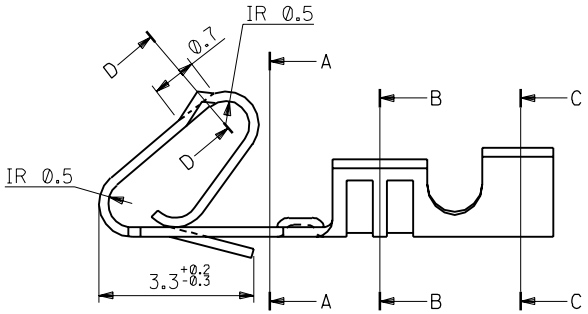


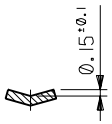
SECT. B-B



SECT. C-C







SECT. D-D

PLATING	MATERIAL	FORM	EDP NO.	ENG. NO.
TIN 0.9μm MIN. REFLOW TREATMENT	PHOSPHOR BRONZE PRE PLATED	LOOSE	08-70-0049	5159PBTL
		CHAIN	08-70-0048	5159PBT
TIN 0.9μm MIN. OVER COPPER 0.5μm MIN.	BRASS PRE PLATED	LOOSE	08-70-0069	5159TL
		CHAIN	08-70-0064	5159T

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 30 未満 OVER UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
J	REVISED & REDRAWN (J00775)	S.M H.H	90/7/9

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材料 MATERIAL SEE TABLE
THK : 0.203

仕上げ FINISH SEE TABLE

適用電線範囲 WIRE RANGE AWG #22-#28

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