

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0504527025

Status:

Active

Description:

Circuit Breaker Terminal for 3/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5/16" (M8), Oxygen-Free Copper, Length 50.00mm (1.969")

Documents:

Drawing (PDF)

Product Specification PS-50449-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E134962

General

Product Family

Series

Crimp Quality Equipment

Mil-Spec

Product Name

Type

Ring and Spade Terminals

50452

Yes

N/A

CB (Circuit Breaker)

Rectangular

Physical

Barrel Type

Insulation

Material - Plating Mating

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Stud Size

Termination Interface: Style

Wire Size AWG

Wire Size mm²

Closed - Brazed

None

Tin

Bag

40

1

40

1

5/16" (M8)

Crimp or Compression

3/0

76.28 - 96.3

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-50449-002

SD-50452-7*25



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

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

50452Series

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.

Japan

Description	Product #
Tool Kit For 57343-9012	0573439001
Battery Type Hand Crimper For JIS Terminal	0573439004

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DWG. NO.
SD-50452-7*25

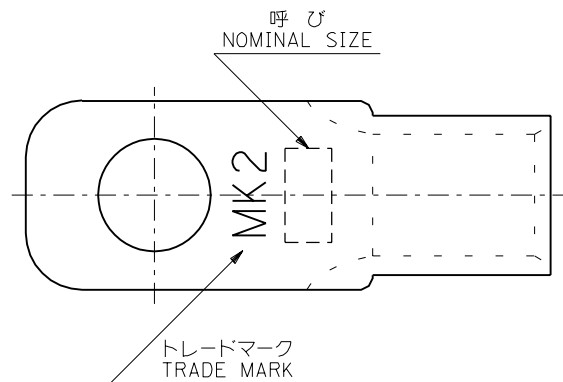
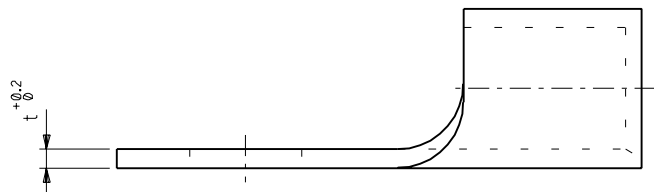
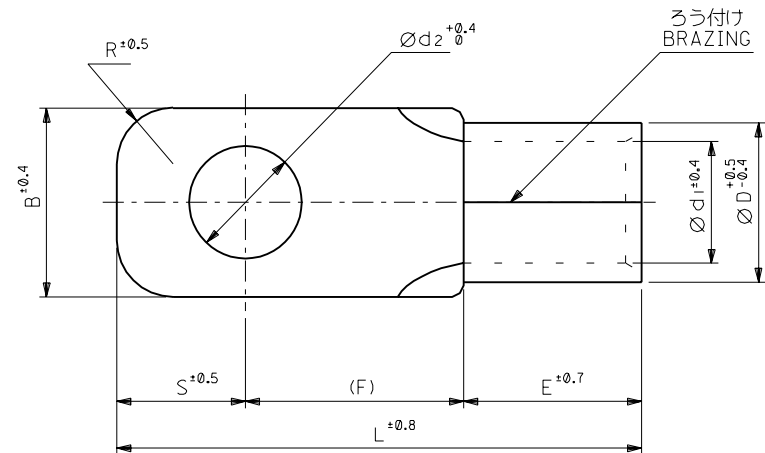
E

D

C
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A
DIMENSIONS IN METRIC DO NOT SCALE DRAWING

A

8 7 6 5 4 3 2 1



注 記
NOTES

1. 材質 MATERIAL

端子：無酸素銅、スズメッキ

TERMINAL OXYGEN FREE HIGH CONDUCTIVITY COPPER, TIN PLATING

ろう付け部：銀ろう

PART OF BRAZING : SILVER SOLDER

2. 適用電線 APPLICABLE WIRE RANGE

単 線 SOLID WIRE	撚 線 STRANDED WIRE
Ø9.27-10.41 mm	76.28-96.3 mm ²

2.3	13.0	49.0	10.0	3.7	20.0	19.0	14.5	19.5	22.0	CB80-12S	50452-7425
	10.5	50.0	11.0	6.4						CB80-10S	50452-7325
	8.4	49.0	10.0	3.7						CB80-10	50452-7225
		50.0	11.0	6.4						CB80-8S	50452-7125
t	d2	L	S	R	(F)	E	d1	D	B	呼 び NOMINAL SIZE	ENG. NO.

角度 ANGLE	30°	45°	60°	75°	90°	105°	120°	135°	150°	180°
30°以上 OVER	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5
10°以上 30°未満 OVER 30 UNDER	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25
10°未満 UNDER	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2
一般公差 GENERAL TOLERANCES	記号 LTR	新規作成 RELEASED (JC90124)	変更内容 REVISION RECORD	DR.	CHK.	日付 DATE	98/10/02	98/10/02	98/10/02	98/10/02

材料 MATERIAL	注記参照 SEE NOTES
仕上げ FINISH	注記参照 SEE NOTES
適用電線範囲 WIRE RANGE	注記参照 SEE NOTES
被覆外径 INS. RANGE	—
DRAWN BY 98/09/30 H.IIJIMA	CHK'D BY 98/10/02 T.YAMAGUCHI
APP'D BY 98/10/02 M.FUKUSHIMA	尺 度 SCALE —

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 RING TERMINAL (FOR BREAKER) (銅線用裸圧着端子) (NON-INSULATED CRIMP-STYLE TERMINAL FOR COPPER CONDUCTORS)	
DWG. NO.	REV
SD-50452-7*25	0