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Part Number: 0505197425
Status: Active
Description: Ring Tongue Terminal for 16-22 AWG, Closed Uninsulated Brazed Barrel, Stud Size 6 (M3.5), Oxygen-Free Copper, Length 13.80mm (.543")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-50519-002 \(PDF\)](#)

Agency Certification

CSA	LR95446
UL	E134962

General

Product Family	Ring and Spade Terminals
Series	50519
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	R (Ring)
Type	Ring

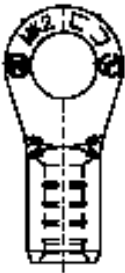
Physical

Barrel Type	Closed - Brazed
Insulation	None
Material - Plating Mating	Tin
Packaging Type	Bag
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Stud Size	6 (M3.5)
Termination Interface: Style	Crimp or Compression
Wire Size AWG	16, 18, 20, 22
Wire Size mm²	0.25 - 1.65

Material Info

Reference - Drawing Numbers

Product Specification	PS-50519-002
Sales Drawing	SD-50519-001



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
50519Series

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 #
Hand Crimper For JIS Terminal	0572575000
Hand Crimper For JIS Terminal	0573435002
Air Type Hand Crimper For JIS Terminal	0573439005

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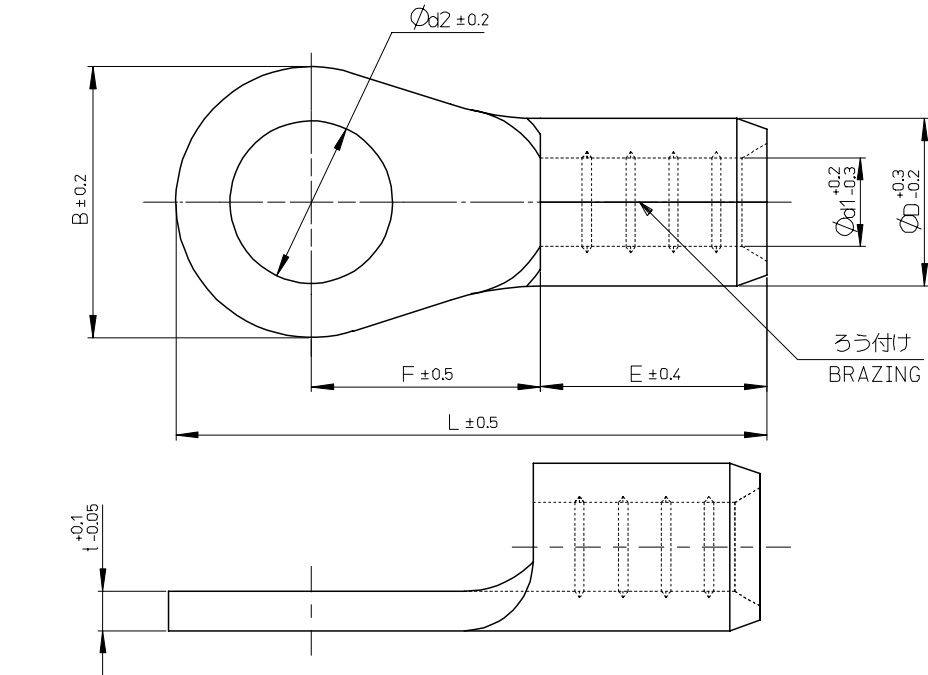
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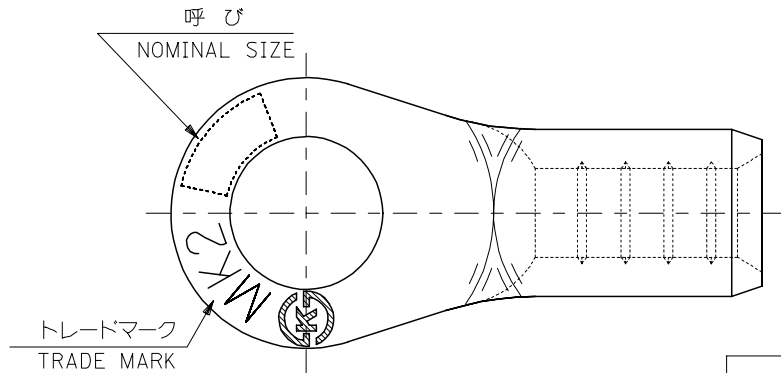
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注記 NOTES

- 材質 MATERIAL
端子: 無酸素銅、スズメッキ
TERMINAL: OXYGEN FREE COPPER, TIN PLATING
ろう付け部: リン銅ろう
PART OF BRAZING: COPPER PHOSPHORUS BRAZING FILLER METALS
- 適用電線 APPLICABLE WIRE RANGE

単線 SOLID WIRE	撚線 STRANDED WIRE
0.57-1.44mm	0.25-1.65 mm ²



0.8	10.5	21.8	10.5	4.5	1.7	3.4	13.6	1.25	10	50519-7825
	8.4	20.2	10				11.5		8	▲-7725
	6.4								6	-7625
	4.3	14.4	6.6				6.6		S4	-7525
	3.7	13.8					5.5		M3.5	-7425
		12	4.8						S3.5	-7325
	3.2	14.4	6.6				6.6		V3	-7225
		13.8					5.5		M3	▼-7125
	2.5	12	4.8						2	50519-7025
t	Φ d2	L	F	E	Φ d1	Φ D	B	呼 び NOMINAL SIZE	MATERIAL NO.	

REVISED EC NO: J2007-1282 2006/12/19 DRWNG: ITO CHKD: KASAHARA 2007/03/07 APPR: NUKITA 2007/03/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY H. IJIMA	DATE 1998/02/23	TITLE RING TERMINAL				
		10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE 1998/02/23					
		30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE 1998/02/23	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-50519-001			1 OF 1		
	REV A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								