

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0505427125](#)
Status: **Active**
Description: Ring Tongue Terminal for 3/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5/16" (M8), Oxygen-Free Copper, Length 54.20mm (2.134")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-50541-002 \(PDF\)](#)

General	
Product Family	Ring and Spade Terminals
Series	50542
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
Stud Size	5/16" (M8)
Wire Size AWG	3/0
Wire Size mm²	76.28 - 96.3
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-50541-002
Sales Drawing	SD-50542-001



image - Reference only **Series**

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

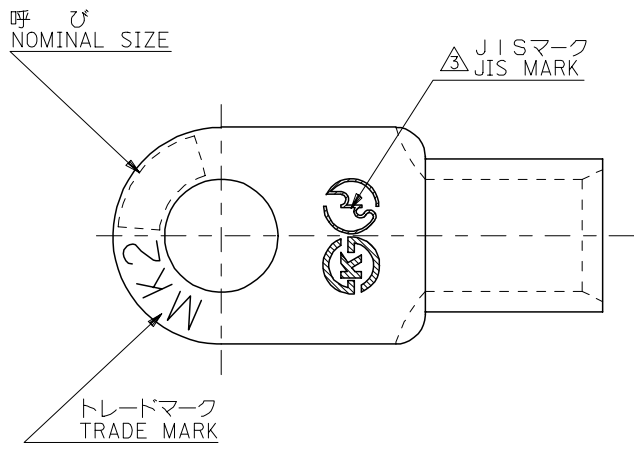
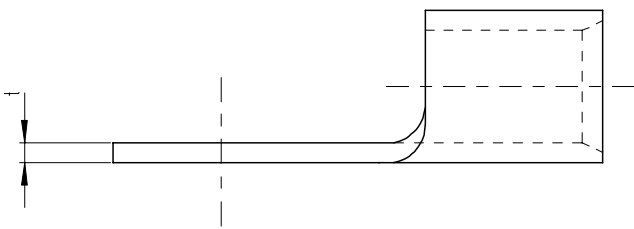
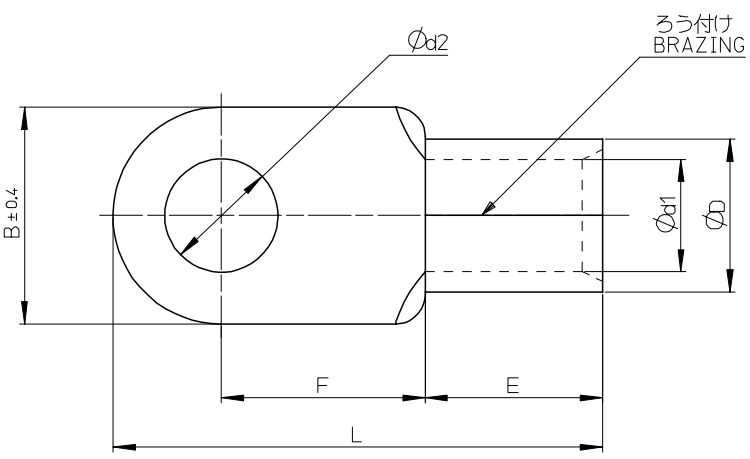
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[50542Series](#)

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Japan	
Description	Product #
Tool Kit For 57343-9012	0573439001
Battery Type Hand Crimper For JIS Terminal	0573439004

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



注記 NOTES

- 1 材質 MATERIAL
端子：無酸素銅、鍍めっき
TERMINAL: OXYGEN-FREE 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
9.27-10.41 mm	76.28-96.3 mm ²

△ JIS認定品にのみ刻印。
DIE STAMPED MARK IS ALLOWED ONLY
FOR JIS FILED PRODUCTS.

	2.35 ^{+0.22} _{-0.1}	25 ^{+0.4} _{-0.1}	68 ±1	32 ±0.8	20 ±0.8	14.5 ±0.5	19.5 ±0.5			24	50542-7226
		21 ^{+0.4} _{-0.1}								20	50542-7126
		19 ^{+0.4} _{-0.1}								18	50542-7026
JIS	2.3 MN	17 ^{+0.4} _{-0.1}	69 MAX	21.5 MN 20 MN	18.5 MN	14.5 ±0.4	19.5 ^{+0.5} _{-0.4}	32		16	50542-7925
		15 ^{+0.4} _{-0.1}								14	50542-7825
	2.35 ^{+0.22} _{-0.1}	13 ^{+0.4} _{-0.1}	68 ±1	32 ±0.8	20 ±0.8	14.5 ±0.5	19.5 ±0.5		80	L12	50542-7725
		10.5 ^{+0.4} _{-0.1}								L10	50542-7625
		8.4 ^{+0.4} _{-0.1}								L8	50542-7525
JIS	2.3 MN	13 ^{+0.4} _{-0.1}	55 MAX	18.5 MN	18.5 MN	14.5 ±0.4	19.5 ^{+0.5} _{-0.4}			12	50542-7425
	2.35 ^{+0.22} _{-0.1}	11.5 ^{+0.4} _{-0.1}	54.2 ±1	20.7 ±0.8	20 ±0.8	14.5 ±0.5	19.5 ±0.5			11	50542-7325
JIS	2.3 MN	10.5 ^{+0.4} _{-0.1}	55 MAX	15.5 MN	18.5 MN	14.5 ±0.4	19.5 ^{+0.5} _{-0.4}	27		10	50542-7225
		8.4 ^{+0.4} _{-0.1}	54.2 ±1	20.7 ±0.8	20 ±0.8	14.5 ±0.5	19.5 ±0.5			8	50542-7125
	2.35 ^{+0.22} _{-0.1}	6.4 ^{+0.4} _{-0.1}								6	50542-7025
△	t	Ød2	L	F	E	Ød1	ØD	B	呼 び NOMINAL SIZE	7	ENG. NO.

RELEASED EC NO: J2007-0312 2007/05/17 DRW:HYAJIMA CHKD:KASAHARA 2007/05/18 APPR:NUKITA 2007/05/18 0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	H. YAJIMA	DATE '06/08/22	RING TERMINAL				
		10 OVER 30 UNDER	± ---	CHECKED BY K. KASAHARA	DATE '06/08/22	MOLEX INCORPORATED				
		30 OVER	± ---	APPROVED BY N. UKITA	DATE '06/08/22					
		ANGULAR	± --- °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-50542-001			SHEET NO. 1 OF 1	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			SIZE A3							