

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0505437425
Status: Active
Description: Ring Tongue Terminal for 4/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size 1/2" (M12), Oxygen-Free Copper, Length 55.60mm (2.189")

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

General	
Product Family	Ring and Spade Terminals
Series	50543
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	1/2" (M12)
Wire Size AWG	4/0
Wire Size mm²	96.3 - 117.2

Material Info

Reference - Drawing Numbers

Product Specification	PS-50541-002
Sales Drawing	SD-50543-001



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](#)

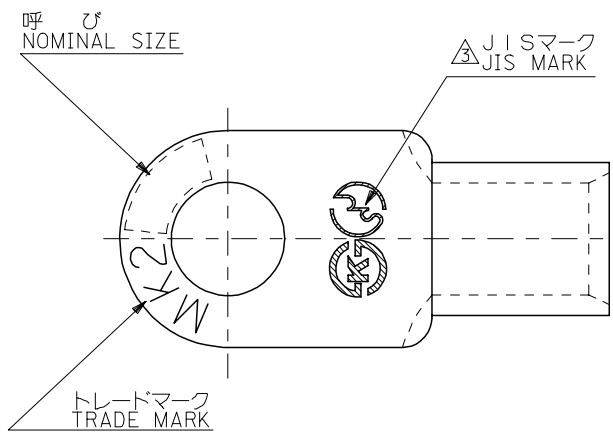
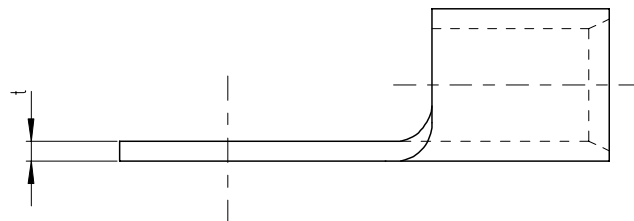
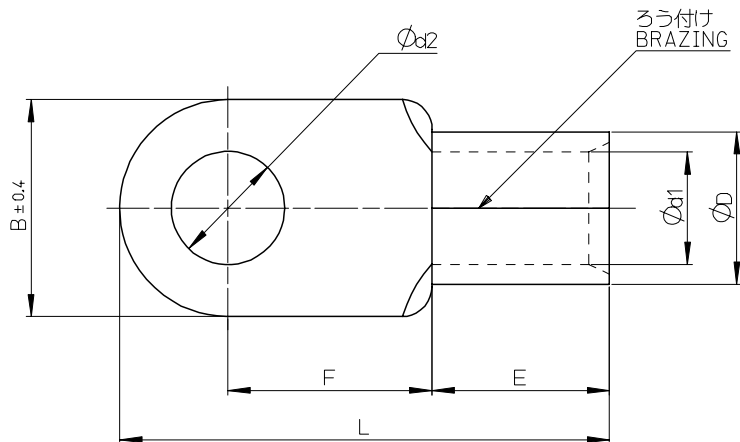
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
50543Series

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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注記 NOTES

- 1 材質 MATERIAL
端子 : 無酸素銅、錫めっき
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
10.41-11.68 mm	96.3-117.2 mm ²

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

	2.65 ^{+0.22 -0.1}	25 ^{+0.4 -0.1}	69 ^{+0.4 -0.8}	32 ±0.8	21 ±0.8	16.4 ^{+0.6 -0.5}	22.3 ^{+0.7 -0.6}	32	100	24	50543-7226
JIS	2.6 MN	21 ^{+0.4 0}	70 MAX	26 MN	18.5 MN	16.4 ±0.5	22.3 ^{+0.7 -0.5}			20	50543-7126
		19 ^{+0.4 0}		23.5 MN						18	50543-7026
		17 ^{+0.4 0}		21.5 MN						16	50543-7925
		15 ^{+0.4 0}		20 MN						14	50543-7825
		13 ^{+0.4 -0.1}								L12	50543-7725
	2.65 ^{+0.22 -0.1}	10.5 ^{+0.4 -0.1}	69 ^{+0.4 -0.8}	32 ±0.8	21 ±0.8	16.4 ^{+0.6 -0.5}	22.3 ^{+0.7 -0.6}			L10	50543-7625
		8.4 ^{+0.4 -0.1}								L8	50543-7525
JIS	2.6 MN	13 ^{+0.4 0}	56 MAX	18.5 MN	18.5 MN	16.4 ±0.5	22.3 ^{+0.7 -0.5}			12	50543-7425
	2.65 ^{+0.22 -0.1}	11.5 ^{+0.4 -0.1}	55.6 ^{+0.4 -0.8}	20.4 ±0.8	21 ±0.8	16.4 ^{+0.6 -0.5}	22.3 ^{+0.7 -0.6}			11	50543-7325
JIS	2.6 MN	10.5 ^{+0.4 0}	56 MAX	15.5 MN	18.5 MN	16.4 ±0.5	22.3 ^{+0.7 -0.5}	10		50543-7225	
	2.65 ^{+0.22 -0.1}	8.4 ^{+0.4 -0.1}	55.6 ^{+0.4 -0.8}	20.4 ±0.8	21 ±0.8	16.4 ^{+0.6 -0.5}	22.3 ^{+0.7 -0.6}	8		50543-7125	
		6.4 ^{+0.4 -0.1}						6		50543-7025	
㊦	t	Ød2	L	F	E	Ød1	ØD	B	呼び NOMINAL SIZE	ENG. NO.	

RELEASED EC NO: J2007-0312 DRW: H.YAJIMA 2007/05/17 CHKD: K.KASAHARA 2007/05/18 APPR: N.UKITA 2007/05/18	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± ---	DRAWN BY H. YAJIMA	DATE '06/08/22	TITLE RING TERMINAL					
		10 OVER 30 UNDER	± ---	CHECKED BY K. KASAHARA	DATE '06/08/22						
		30 OVER	± ---	APPROVED BY N. UKITA	DATE '06/08/22	MOLEX INCORPORATED					
		ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART SD-50543-001		1 OF 1			
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