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Part Number: [0505417125](#)
Status: **Active**
Description: Ring Tongue Terminal for 1/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5/16" (M8), Oxygen-Free Copper, Length 49.70mm (1.957")

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

General	
Product Family	Ring and Spade Terminals
Series	50541
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	1
Wire Size mm²	42.42 - 60.57
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-50541-002
Sales Drawing	SD-50541-001



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?

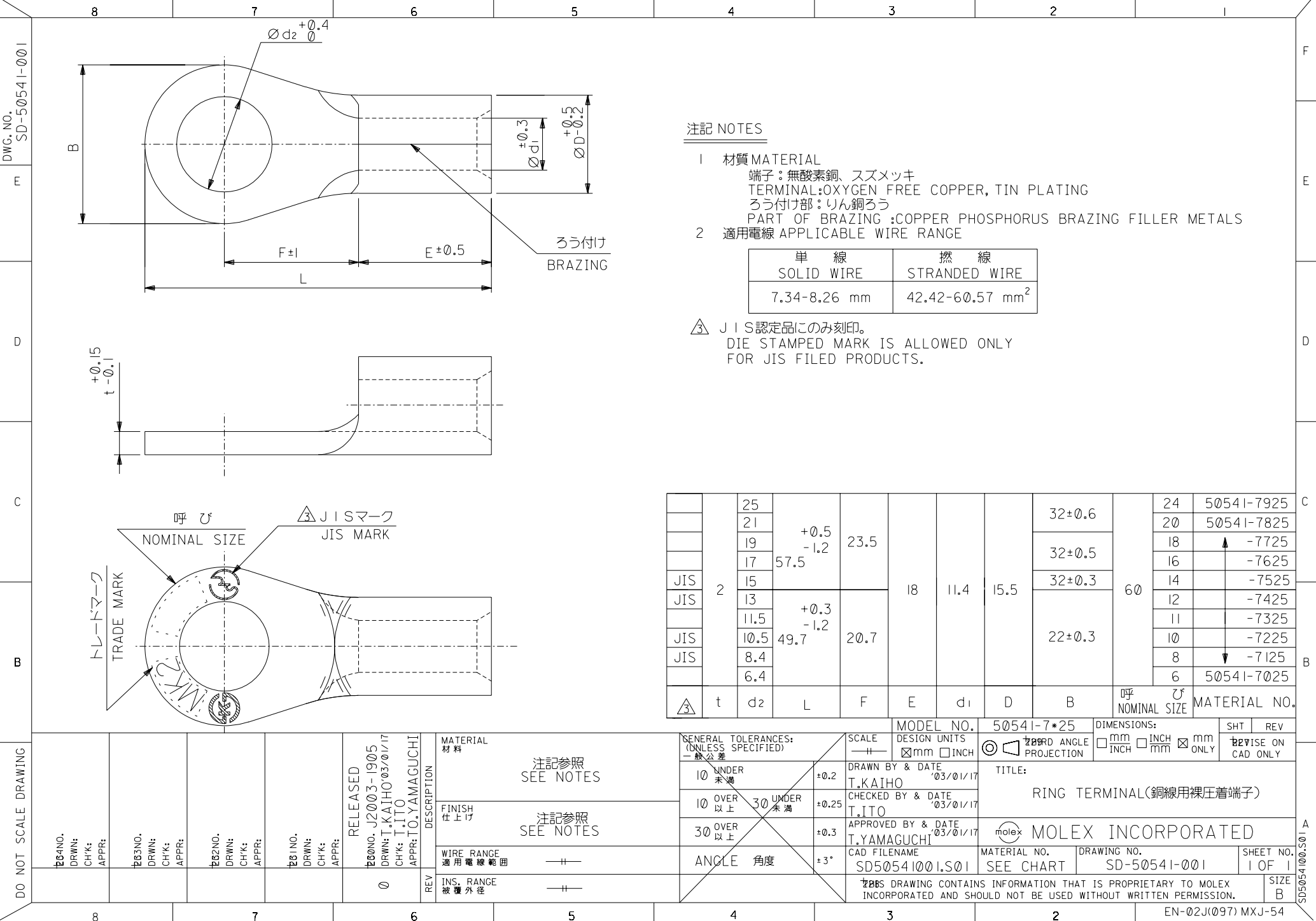
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[50541Series](#)

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

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注記 NOTES

- 1 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：りん銅ろう
PART OF BRAZING : COPPER PHOSPHORUS BRAZING FILLER METALS
- 2 適用電線 APPLICABLE WIRE RANGE

単 線 SOLID WIRE	撚 線 STRANDED WIRE
7.34-8.26 mm	42.42-60.57 mm ²

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

		25								24	50541-7925
		21								20	50541-7825
		19	+0.5 -1.2	23.5				32±0.6		18	↑ -7725
		17	57.5					32±0.5		16	-7625
JIS	2	15						32±0.3		14	-7525
JIS		13			18	11.4	15.5		60	12	-7425
		11.5	+0.3 -1.2							11	-7325
JIS		10.5	49.7	20.7				22±0.3		10	-7225
JIS		8.4								8	↓ -7125
		6.4								6	50541-7025
△	t	d2	L	F	E	d1	D	B	呼び NOMINAL SIZE		MATERIAL NO.

DO NOT SCALE DRAWING		8	7	6	5	4	3	2	EN-02J(097) MXJ-54	
164NO. DRWN: CH'K: APPR:	163NO. DRWN: CH'K: APPR:	162NO. DRWN: CH'K: APPR:	161NO. DRWN: CH'K: APPR:	RELEASED 160NO. J2003-1905 DRWN: T.KAIHO '03/01/17 CH'K: T.ITO APPR: T.YAMAGUCHI	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —H—	MODEL NO. DESIGN UNITS 50541-7*25 20° 1/4" ANGLE PROJECTION	SHT	REV
注記参照 SEE NOTES					FINISH 仕上げ	10 UNDER 未満	±0.2	DRAWN BY & DATE T.KAIHO '03/01/17	TITLE: RING TERMINAL(銅線用裸圧着端子)	
注記参照 SEE NOTES					10 OVER 以上	30 UNDER 未満	±0.25	CHECKED BY & DATE T.ITO '03/01/17	MOLEX MOLEX INCORPORATED	
					30 OVER 以上		±0.3	APPROVED BY & DATE T.YAMAGUCHI '03/01/17		
					WIRE RANGE 適用電線範囲	ANGLE 角度	±3°	CAD FILENAME SD50541001.S01	MATERIAL NO. SEE CHART	SHEET NO. 1 OF 1
					INS. RANGE 被覆外径	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B