

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0503227312](#)
Status: **Active**
Description: Spade Tongue Terminal for 16-22 AWG, Closed Uninsulated Brazed Barrel, Stud Size 6 (M3.5), Oxygen-Free Copper, Length 15.00mm (.591"), Width 5.80mm (.228")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-50322-001 \(PDF\)](#)

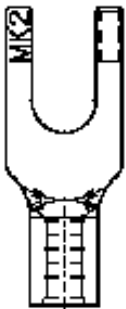
Agency Certification
UL E134962

General
Product Family Ring and Spade Terminals
Series [50322](#)
Crimp Quality Equipment Yes
Mil-Spec N/A
Product Name Y (Spade)
Type Spade

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-50322-001
Sales Drawing SD-50322-001



Series

image - Reference only

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

China RoHS



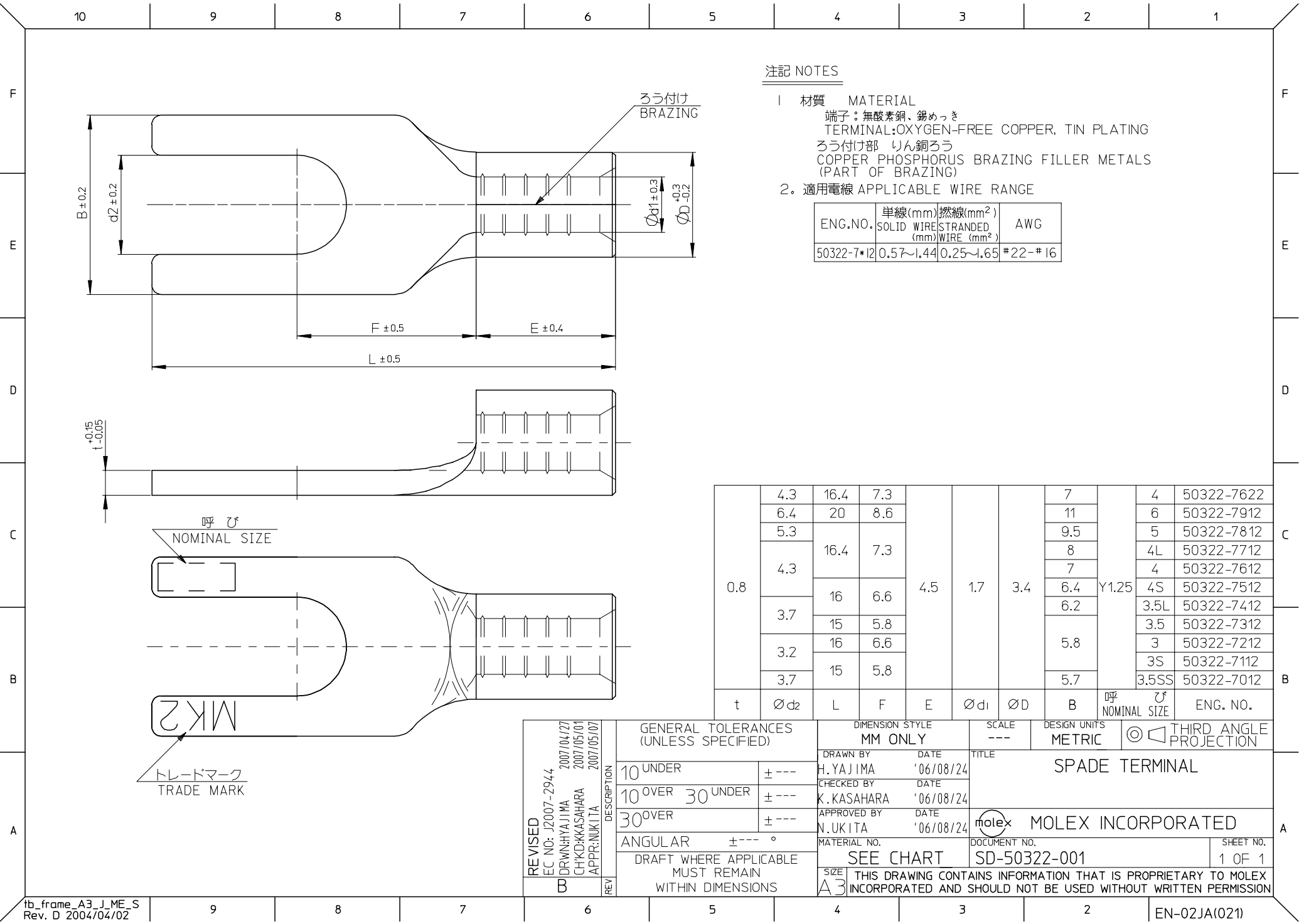
Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[50322Series](#)

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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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 リン銅ろう
COPPER PHOSPHORUS BRAZING FILLER METALS (PART OF BRAZING)
2. 適用電線 APPLICABLE WIRE RANGE

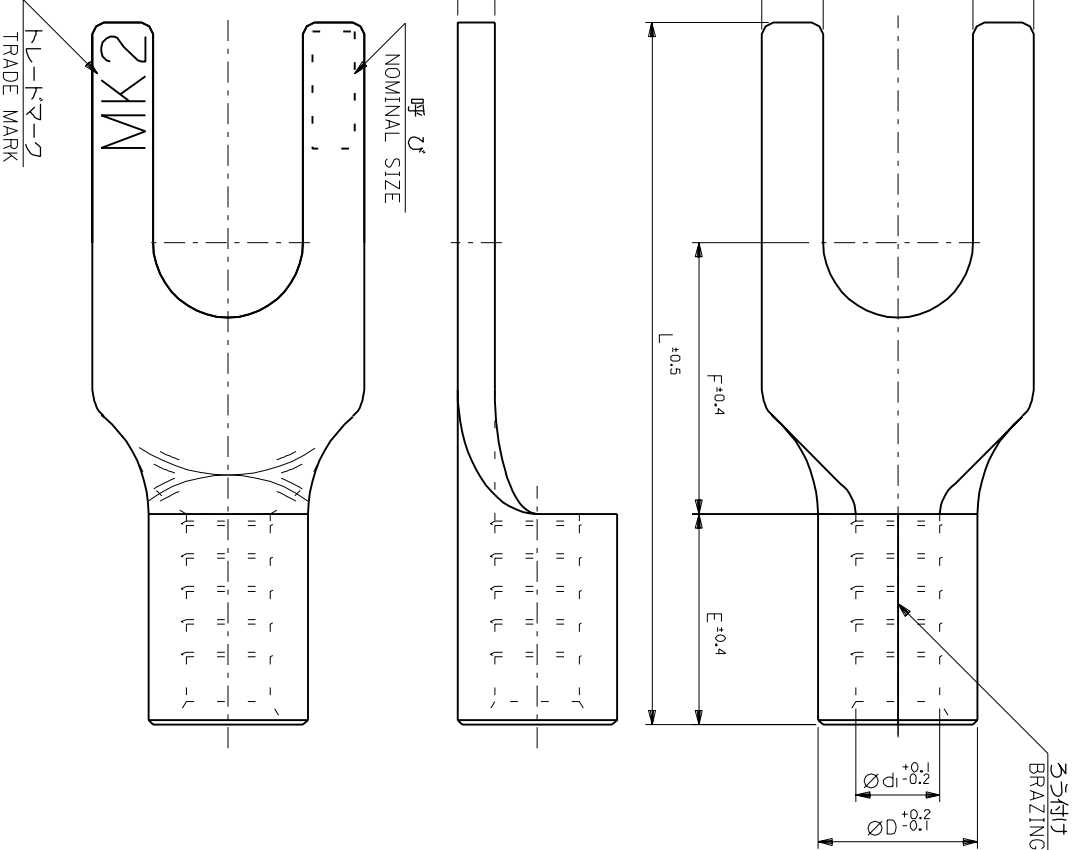
ENG. NO.	単線 (mm) SOLID WIRE (mm)	撚線 (mm ²) STRANDED WIRE (mm ²)	AWG
50322-7*12	0.57~1.44	0.25~1.65	#22-#16

0.8	4.3	16.4	7.3	4.5	1.7	3.4	7	Y1.25	4	50322-7622
	6.4	20	8.6				11		6	50322-7912
	5.3	16.4	7.3				9.5		5	50322-7812
	4.3						8		4L	50322-7712
							7		4	50322-7612
	3.7	6.4	4S				50322-7512			
		6.2	3.5L				50322-7412			
	3.2	15	5.8				5.8		3.5	50322-7312
		16	6.6						3	50322-7212
		15	5.8						3S	50322-7112
3.7			5.7	3.5SS	50322-7012					
t	Ød ₂	L	F	E	Ød ₁	ØD	B	呼び NOMINAL SIZE	ENG. NO.	

REVISED EC NO: J2007-2944 DRAWN BY H. YAJIMA 2007/04/27 CHKD BY K. KASAHARA 2007/05/01 APPR: NUKITA 2007/05/07	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY H. YAJIMA	DATE '06/08/24	TITLE SPADE TERMINAL				
		10 OVER 30 UNDER	± ---	CHECKED BY K. KASAHARA	DATE '06/08/24					
		30 OVER	± ---	APPROVED BY N. UKITA	DATE '06/08/24	MOLEX MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-50322-001		1 OF 1			
B	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

DWG. NO.
SD-50322-7・I2～SD-50324-7・I2

A DIMENSIONS IN METRIC DO NOT SCALE DRAWING



注 記NOTES

1. 材質 MATERIAL

無酸素銅, スズメッキ
OXYGEN FREE HIGH CONDUCTIVITY COPPER , TIN PLATING
ろう付け部 りん銅ろう
COPPER PHOSPHORUS BRAZING FILLER METALS
(PART OF BRAZING)

2. 適用電線 APPLICABLE WIRE RANGE

ENG. NO.	単線 (mm) (SOLID WIRE)	撚線 (mm ²) (STRAINED WIRE)	AWG
50322-7・I2	0.57～1.44	0.25～1.65	#22～#16
50323-7・I2	1.14～1.82	1.04～2.63	#16～#14
50324-7・I2	1.82～2.89	2.63～6.64	#12～#10

I	6.4	25.2	12	6.5	3.5	5.6	12.5	9	Y5.5	5	50324-7412
	5.3	18.2	7.2		4.3			4		4	7312
	4.3							4S	50324-7112	4S	7212
	6.4	20	8.6					6	50323-7812	6	7712
0.8	5.3			4.5	2.4	4.1	Y2	5		5	7612
	6.4	16.8	7.3					4L		4L	7512
	4.3							4		4	7412
	16	6.6						4S		4S	7312
3.7	15.8	7.6		5.9	6.4		3.5L	3.5L		3.5L	7212
	3.2							3	50323-7112	3	7112
	6.4	20	8.6					6	50322-7912	6	7812
	5.3							5		5	7712
4.3	16.4	7.3		6.4	Y1.25		3.5L	4L		4L	7612
	16	6.6						4S		4S	7512
	3.7							3.5L		3.5L	7412
	15	5.8						3.5		3.5	7312
3.2	15	5.8		5.8			3S	3		3	7212
	15	5.8						3S		3S	7112
	15	5.8									
	15	5.8									

材料 MATERIAL		注記参照 SEE NOTES		材料 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH		注記参照 SEE NOTES		REVISE ONLY ON CAD SYSTEM	
適用電線範囲 WIRE RANGE		注記参照 SEE NOTES		TITLE 名称 SPADE TERMINAL (銅線用 Y 形端子) (NON-INSULATED CRIMP-STYLE Y-SHAPE TERMINAL FOR COPPER CONDUCTORS)	
角度 ANGLE		30°		DWG. NO.	
30 以下		+0.3		SD-50322-7・I2～SD-50324-7・I2	
10 以下		+0.25		REV	
10 以下		+0.2		A	
GENERAL DIMENSIONS		配号 記号		1050322,502	
		REVISION RECORD			
		DRAWN BY 98/11/27			
		S. SAHARA			
		CHK'D BY 98/11/28			
		K. S. KUNISHI			
		W. F. USHIMA			
		SCALE			

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