

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0503227112

Status:

Active

Description:

Spade Tongue Terminal for 16-22 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5 (M3), Oxygen-Free Copper, Length 15.00mm (.591")

Documents:

Drawing (PDF)

Product Specification PS-50322-001 (PDF)

RoHS Certificate of Compliance (PDF)

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	5 (M3)
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

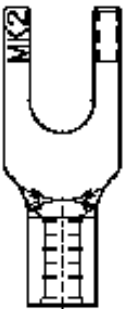


image - Reference only

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

50322Series

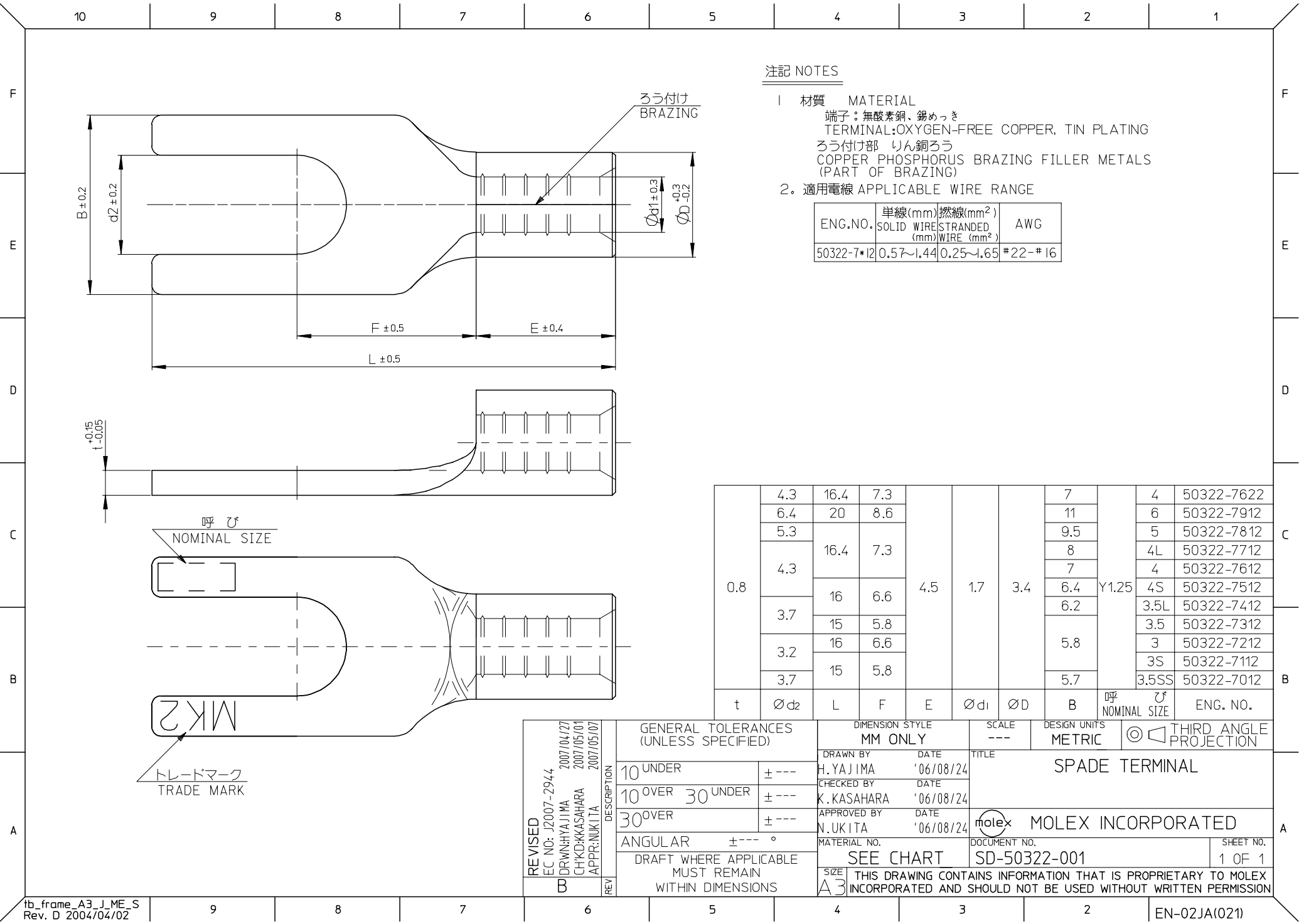
Application Tooling | FAQ

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

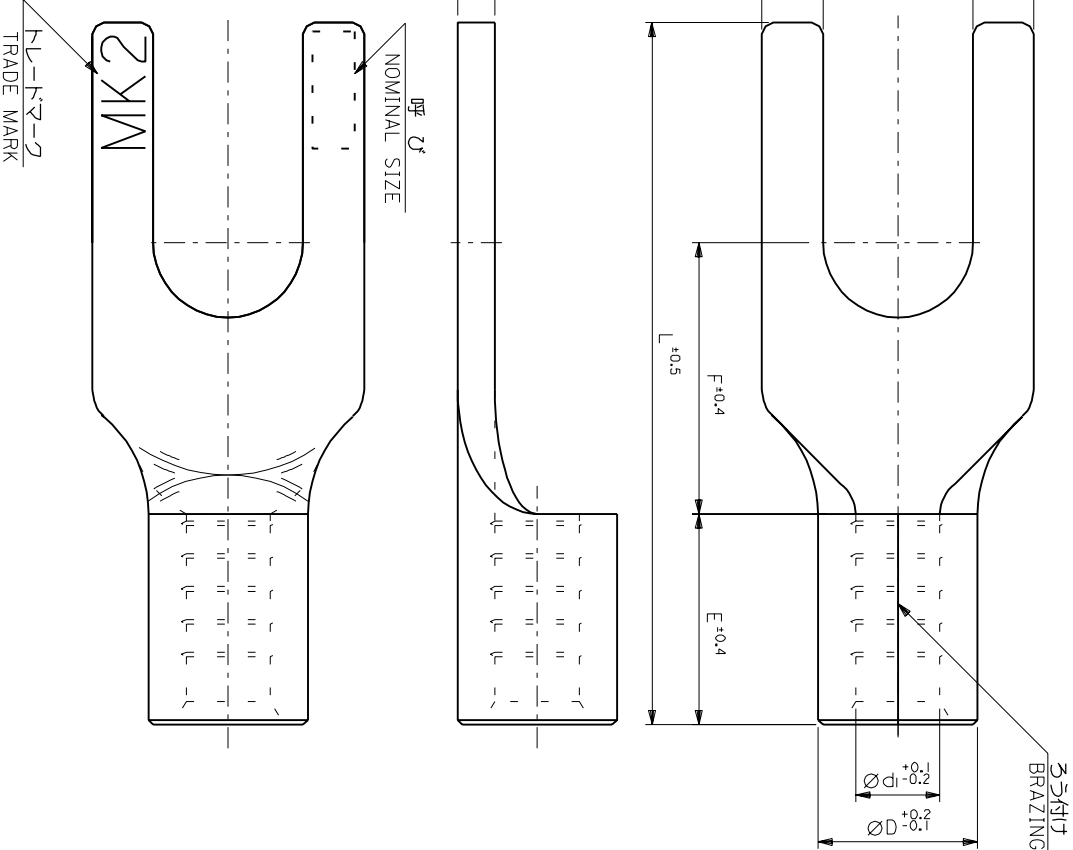
ENG. NO.	単線 (mm) SOLID WIRE (mm)	撚線 (mm ²) STRANDED WIRE (mm ²)	AWG
50322-7*12	0.57~1.44	0.25~1.65	#22-#16

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	16	6.6				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	3.5SS			50322-7012						
t	Ød ₂	L	F	E	Ød ₁	ØD	B	呼び NOMINAL	寸 SIZE	ENG. NO.

REVISED EC NO: J2007-2944 DRWN:H.YAJIMA 2007/04/27 CHKD:K.KASAHARA 2007/05/01 APPR:NUKITA 2007/05/07	DESCRIPTION REV B	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		SIZE A3		SEE CHART SD-50322-001		1 OF 1			
	REV	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 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)	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	Y5.5	6	50324-7412	
	5.3	18.2	7.2				9		5	50324-7312	
	4.3						8.4		4	50324-7212	
0.8	6.4	20	8.6	4.5	2.4	4.1	12	Y2	4S	50324-7112	
	5.3	16.8	7.3				9.5		6	50323-7812	
	4.3						8		5	50323-7712	
	16						7.6		4L	4	50323-7612
		3.7	15.8				6.6		7	4	50323-7512
	3.2	20	8.6				6.4		4S	50323-7412	
	3.5L						3.5		50323-7312		
	3.5						3		50323-7212		
0.75	6.4	20	8.6	4.5	1.7	3.4	5.9	Y1.25	6	50322-7912	
	5.3	16.4	7.3				12		5	50322-7812	
	4.3						8		4L	4	50322-7712
	16						7		4	4	50322-7612
		3.7	15				5.8		6.4	4S	3.5L
3.2		15		5.8	3	50322-7412					
3.5	3	50322-7312									
t	dp	L	F	E	Ød1	ØD	B	ØF	Ø	ENG.NO.	

材料 MATERIAL		注記参照 SEE NOTES		molex 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	
被覆外径 INS. RANGE		—		SPADE TERMINAL	
DRAWN BY 98/11/27		CHK'D BY 98/11/28		(銅線用 Y 形端子)	
S. SAHARA		K. T. S. KUNISHI		(NON-INSULATED CRIMP-STYLE Y-SHAPE TERMINAL FOR COPPER CONDUCTORS)	
APPROD BY 98/11/28		SCALE		DWG. NO.	
W. FUCHUSHIMA		—		SD-50322-7・I2～SD-50324-7・I2	
REV		A		REV	

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