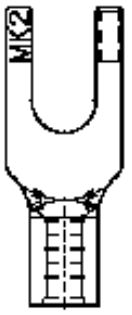
This document was generated on 03/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0503227212

Status: Active

Description: Spade Tongue Terminal for 16-22 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5 (M3), Oxygen-Free Copper, Length 16.00mm (.630")



Series image - Reference only

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

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**

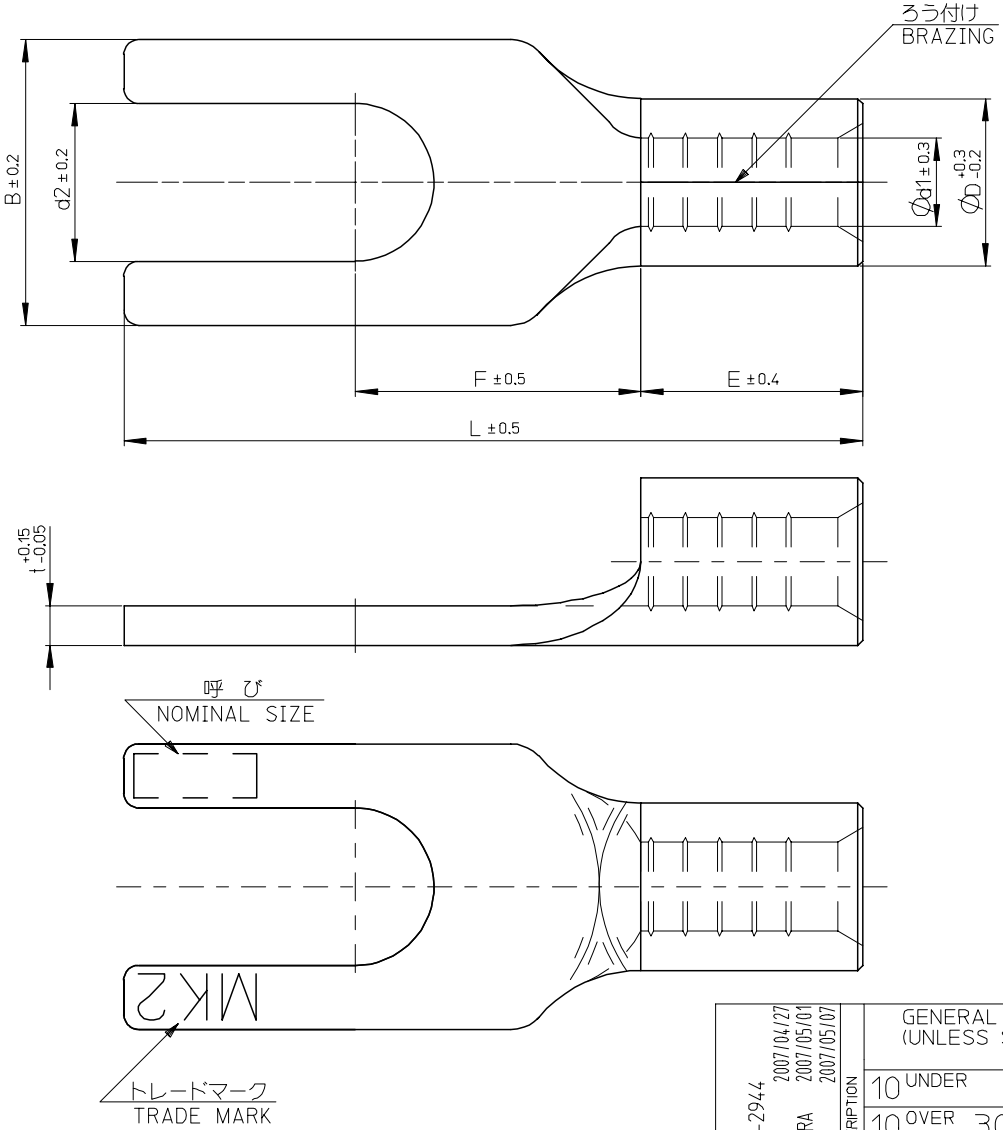
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Japan

Description	Product #
Hand Crimper For JIS Terminal	0572575000
Hand Crimper For JIS Terminal	0573435002
Air Type Hand Crimper For JIS Terminal	0573439005

This document was generated on 03/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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 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 (mm)	撚線(mm²) STRANDED WIRE (mm²)	AWG
50322-7*12	0.57~1.44	0.25~1.65	#22-#16

t	Ød2	L	F	E	Ød1	ØD	B	呼び NOMINAL SIZE	ENG. NO.
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
		16	6.6				6.4		4S	50322-7512
	3.7						6.2		3.5L	50322-7412
		15	5.8				5.8		3.5	50322-7312
	3.2	16	6.6						3	50322-7212
		15	5.8						3S	50322-7112
	3.7						5.7		3.5SS	50322-7012

REVISED
EC NO: J2007-2944 2007/04/27
DRWN:H.YAJIMA 2007/05/01
CHKD:K.KASAHARA 2007/05/07
APPR:N.UKITA
DESCRIPTION
REV B

GENERAL TOLERANCES (UNLESS SPECIFIED)
10 UNDER ±---
10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.YAJIMA DATE: '06/08/24
CHECKED BY: K.KASAHARA DATE: '06/08/24
APPROVED BY: N.UKITA DATE: '06/08/24

TITLE: SPADE TERMINAL

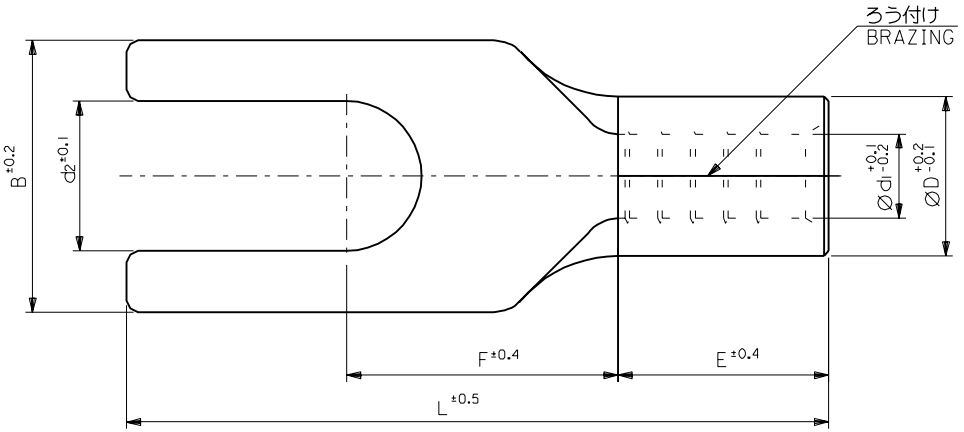
molex MOLEX INCORPORATED

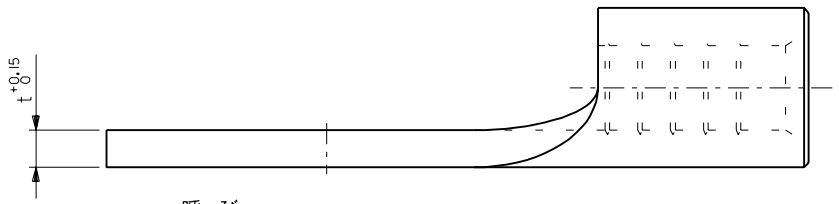
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-50322-001
SHEET NO.: 1 OF 1

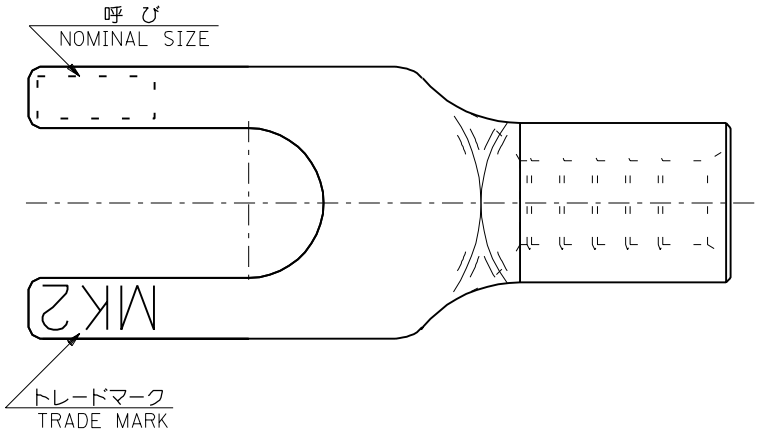
SIZE A3

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DWG. NO.
SD-50322-7•12～SD-50324-7•12







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 (mm)	撚線(mm²) STRANDED WIRE (mm²)	AWG
50322-7•12	0.57～1.44	0.25～1.65	#22-#16
50323-7•12	1.14～1.82	1.04～2.63	#16-#14
50324-7•12	1.82～2.89	2.63～6.64	#12-#10

t	d2	L	F	E	Ød1	ØD	B	呼び NOMINAL SIZE		ENG.NO.
1	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	-7312
	4.3								4	-7212
							8.4		4S	50324-7112
0.8	6.4	20	8.6	4.5	2.4	4.1	12	Y2	6	50323-7812
	5.3	16.8	7.3				9.5		5	-7712
	4.3						8		4L	-7612
							7		4	-7512
		16	6.6				6.4		4S	-7412
	3.7	15.8	7.6						3.5L	-7312
			6.6						3.5	-7212
	3.2						5.9		3	50323-7112
0.75	6.4	20	8.6	4.5	1.7	3.4	12	Y1.25	6	50322-7912
	5.3	16.4	7.3				9.5		5	-7812
	4.3						8		4L	-7712
							7		4	-7612
		16	6.6				6.4		4S	-7512
	3.7	15	5.8				6.2		3.5L	-7412
							5.8		3.5	-7312
	3.2	16	6.6						3	-7212
		15	5.8						3S	50322-7112

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR.	日付 DATE
A	変更 REVISED (JC80602)	らとく	'98/1/27
O	新規作成 PROPOSED (J20933)	らとく	'92/10/9

材料 MATERIAL	注記参照 SEE NOTES
仕上げ FINISH	注記参照 SEE NOTES
適用電線範囲 WIRE RANGE	注記参照 SEE NOTES
被覆外径 INS. RANGE	—
DRAWN BY '92/10/ 9	S.AIHARA
CHK'D BY '98/1/28	K.T S.KUNISHI
APP'D BY '98/1/28	M.FUKUSHIMA
尺度 SCALE	—

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
SPADE TERMINAL
(銅線用Y形裸圧着端子)
(NON-INSULATED CRIMP-STYLE Y-SHAPE TERMINAL FOR COPPER CONDUCTORS)

DWG. NO. SD-50322-7•12～SD-50324-7•12 REV A

50322.S02

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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