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Part Number: 0504457025

Status: Active

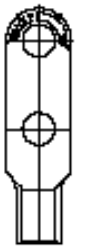
Description: Ring Tongue Double Hole Terminal for 250 - 300MCM AWG, Closed Uninsulated Brazed Barrel, Stud Size 1/2" (M12), Oxygen-Free Copper, Length 106.00mm (4.173")

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-50442-001 (PDF)



Series image - Reference only

General

Product Family	Ring and Spade Terminals
Series	50445
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	RD (Double-Hole)
Type	Ring

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	1/2" (M12)
Termination Interface: Style	Crimp or Compression
Wire Size AWG	250MCM, 300MCM
Wire Size mm²	117.2 - 152.05

Material Info

Reference - Drawing Numbers

Product Specification	PS-50442-001
Sales Drawing	SD-50445-001

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
50445Series

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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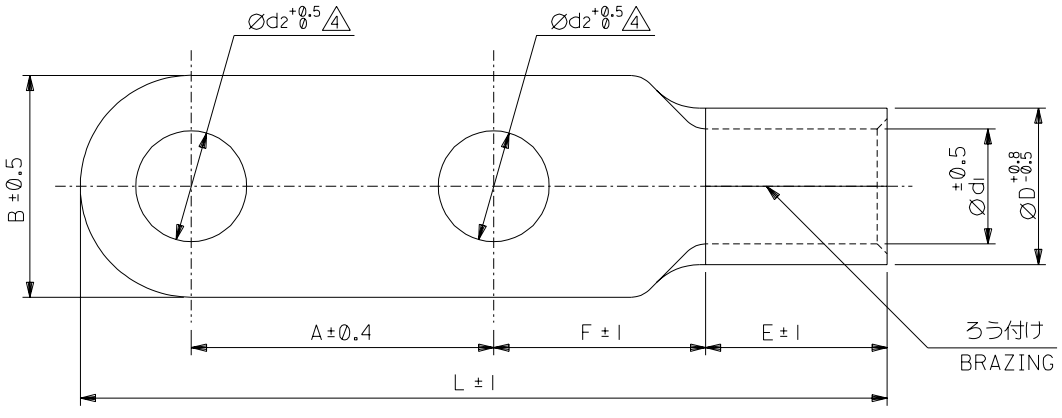

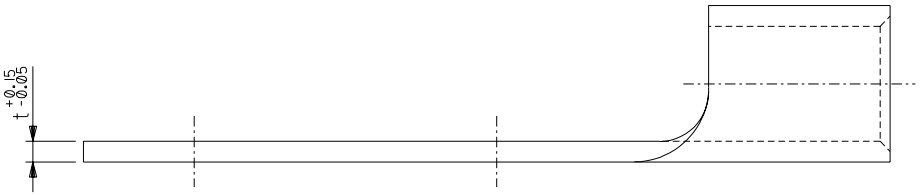

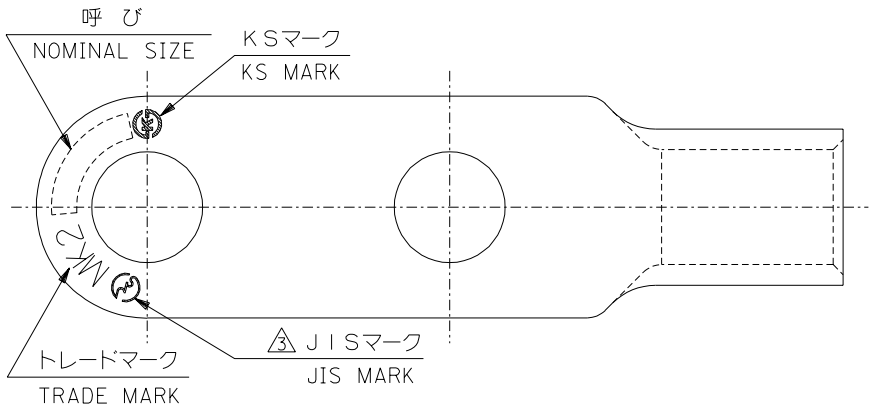

注記 NOTES

1 材質 MATERIAL
端子：無酸素銅、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
1.68-3.8 mm	17.2-152.05 mm²

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

△4 呼びRD150-X（製品番号50445-7225）は穴無し品。
NOMINAL SIZE RD150-X (MATERIAL NO. 50445-7225) IS WITHOUT HOLE VERSION.

											X	△4 50445-7225
JIS	3.25	19.5	26.5	27	21	10.6	36	40	16	RD150	14	50445-7125
JIS									14		12	50445-7025
△3	t	Ød1	ØD	E	F	L	B	A	Ød2	呼び NOMINAL SIZE		MATERIAL NO.

DWG. NO. SD-50445-001

DO NOT SCALE DRAWING

REV	DESCRIPTION	DRWN	CH'K	APPR
0	RELEASED J2003-3220	T.KAIHO '03/06/20	T.ITO	TO.YAMAGUCHI

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ: 注記参照 SEE NOTES
WIRE RANGE 適用電線範囲
INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE —
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
MODEL NO. 50445-7*25
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY
DRAWN BY & DATE T.KAIHO '03/06/20
CHECKED BY & DATE T.ITO '03/06/23
APPROVED BY & DATE TO.YAMAGUCHI '03/06/23
CAD FILENAME SD50445001.S01
TITLE: RING TERMINAL(銅線用裸圧着端子)
molex MOLEX INCORPORATED
MATERIAL NO. SEE CHART
DRAWING NO. SD-50445-001
SHEET NO. 1 OF 1
SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SD50445001.S01 A

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