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Part Number: 0504517325
Status: Active
Description: Circuit Breaker Terminal for 1/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size M10, Oxygen-Free Copper, Length 49.50mm (1.949")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-50449-002 \(PDF\)](#)

Agency Certification
UL E134962

General
Product Family Ring and Spade Terminals
Series 50451
Crimp Quality Equipment Yes
Mil-Spec N/A
Product Name CB (Circuit Breaker)
Type Rectangular

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 M10
Termination Interface: Style Crimp or Compression
Wire Size AWG 1
Wire Size mm² 42.42 - 60.57

Material Info

Reference - Drawing Numbers
Product Specification PS-50449-002
Sales Drawing SD-50451-7*25



image - Reference only Series

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

China RoHS

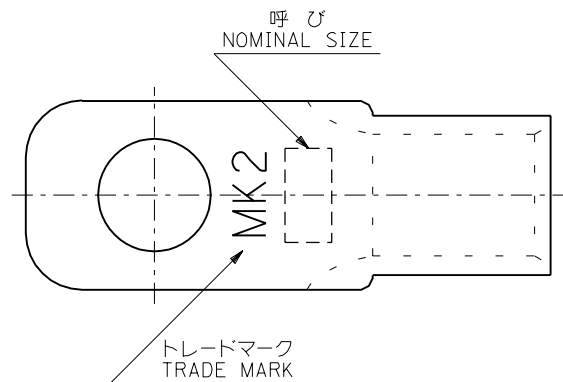
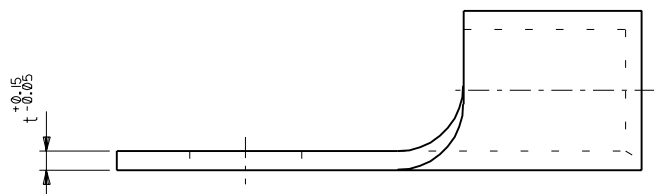
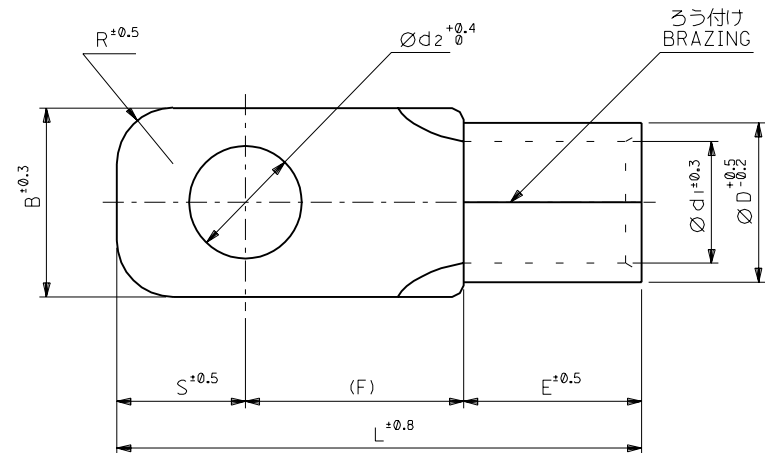


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
50451Series

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 HIGH CONDUCTIVITY 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
Ø7.34-8.26 mm	42.42-60.57 mm ²

2	10.5	49.5	11.0	2.7	20	18.5	11.4	15.5	16.0	CB60-10S	50451-7325
	8.4	46.5	8.0	4.6						CB60-8S	50451-7225
	6.4	49.5	11.0	2.7						CB60-8	50451-7125
t	d2	L	S	R	(F)	E	d1	D	B	CB60-6S	50451-7025
										呼 び NOMINAL SIZE	ENG. NO.

角度 ANGLE	30°	45°	60°	75°	90°	105°	120°	135°	150°	180°
30°以上 OVER	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5
10°以上 30°未満 OVER UNDER	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25
10°未満 UNDER	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR.	CHK.	DATE	APP'D BY	CHK'D BY	DATE	SCALE	REVISION

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 '98/09/30 H.IIJIMA	CHK'D BY '98/10/02 T.YAMAGUCHI
RELEASED (JC90124) M.FUKUSHIMA	DATE
新規作成	1998/10/02
変更内容	
REVISION RECORD	
DR.	
CHK.	
DATE	
APP'D BY	
CHK'D BY	
DATE	
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 RING TERMINAL (FOR BREAKER) (銅線用裸圧着端子) (NON-INSULATED CRIMP-STYLE TERMINAL FOR COPPER CONDUCTORS)	
DWG. NO. SD-50451-7*25	REV 0