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Part Number: 0504517125
Status: Active
Description: Circuit Breaker Terminal for 1/0 AWG, Closed Uninsulated Brazed Barrel, Stud Size 5/16" (M8), Oxygen-Free Copper, Length 46.50mm (1.831")

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 5/16" (M8)
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](#)

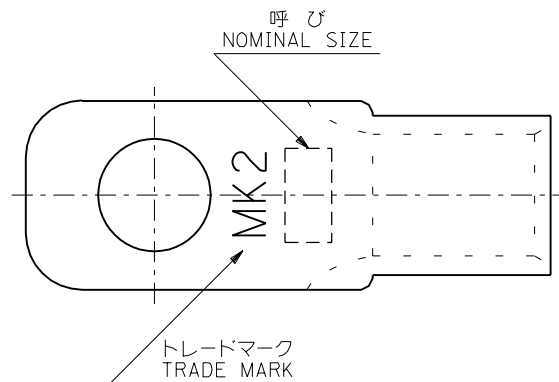
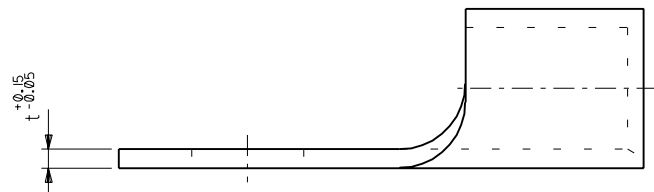
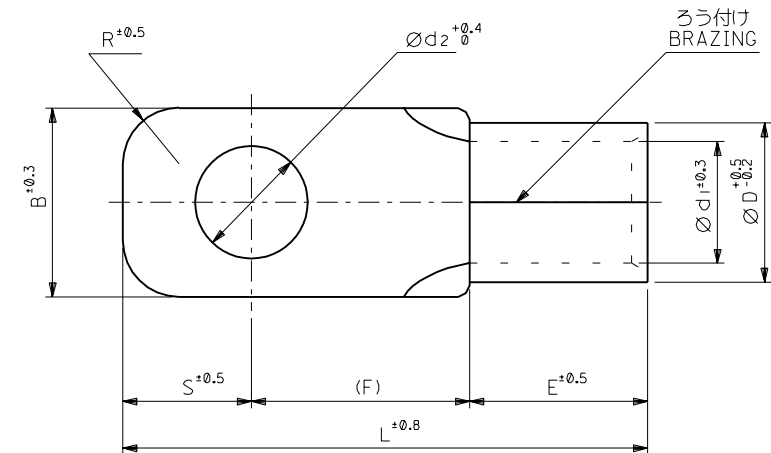
Please visit the [Contact Us](#) section for any non-product compliance questions.

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.

材 料 MATERIAL		注記参照 SEE NOTES		モレックス 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 RING TERMINAL (FOR BREAKER) (銅線用裸圧着端子) (NON-INSULATED CRIMP-STYLE TERMINAL FOR COPPER CONDUCTORS)	
被覆外径 INS. RANGE		—		DRAWN BY '98/09/30 H.IIJIMA	
DRAWN BY '98/09/30 H.IIJIMA		CHK'D BY '98/10/02 T.YAMAGUCHI		DWG. NO.	
APP'D BY '98/10/02 M.FUKUSHIMA		尺 度 SCALE		SD-50451-7*25	
角 度 ANGLE		30°		REV	
30°以上 OVER		+0.3		0	
10°以上 30°未満 OVER UNDER		+0.25			
10°未満 UNDER		+0.2			
一 般 公 差 GENERAL TOLERANCES		記 号 LTR		新 規 作 成 RELEASED (JC90124)	
		変 更 内 容 REVISION RECORD		DR. CHK.	
				日 付 DATE	