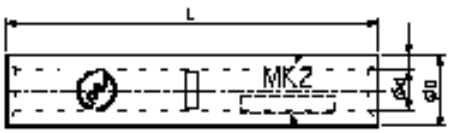
This document was generated on 04/05/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0505307825

Status: Active

Description: Butt Splice for 1/0 AWG, Closed Uninsulated Barrel, Oxygen Free Copper, Length 36.00mm (1.417")



Series image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-50530-002 (PDF)

General

Product Family	Splices
Series	50530
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	Butt

Physical

Barrel Type	Closed
Insulation	None
Packaging Type	Bag
Wire Insulation Diameter	1.70mm (.067")
Wire Size AWG	1/0
Wire Size mm²	42.42-60.57

Material Info

Reference - Drawing Numbers

Product Specification	PS-50530-002
Sales Drawing	SD-50530-001

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
50530Series

Application Tooling | **FAQ**

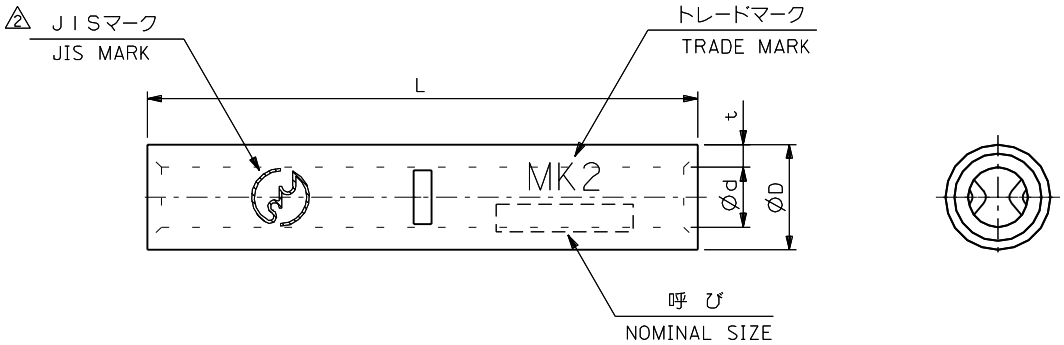
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Japan

Description	Product #
Battery Type Hand Crimper For JIS Terminal	0573439004

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注記
NOTES

1 適用電線 APPLICABLE WIRE RANGE

ENG. NO.	単線 SOLID WIRE [mm]	撚線 STRANDED WIRE [mm²]
50530-7125	0.57 ～ 1.44	0.25 ～ 1.65
-7225	1.14 ～ 1.82	1.04 ～ 2.63
-7325	1.82 ～ 2.89	2.63 ～ 6.64
-7425	2.89 ～ 3.65	6.64 ～ 10.52
-7525	3.65 ～ 4.62	10.52 ～ 16.78
-7625	4.62 ～ 5.81	16.78 ～ 26.66
-7725	5.81 ～ 7.34	26.66 ～ 42.42
-7825	7.34 ～ 8.26	42.42 ～ 60.57
50530-7925	8.26 ～ 9.27	60.57 ～ 76.28

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

	t	ØD	Ød	L	呼び NOMINAL SIZE	MATERIAL NO.
	$2^{+0.5}_{-0.1}$	$17.5^{+0.5}_{-0.4}$	13.3 ± 0.4	37 ± 0.7	B-70	50530-7925
JIS	$2^{+0.3}_{-0.2}$	$15.3^{+0.4}_{-0.3}$	11.4 ± 0.3	36 ± 0.7	B-60	-7825
JIS	$1.85^{+0.4}_{-0.05}$	$13.2^{+0.3}_{-0.2}$	9.4 ± 0.2	32 ± 0.7	B-38	-7725
JIS	$1.8^{+0.3}_{-0.1}$	$11.3^{+0.3}_{-0.2}$	7.7 ± 0.2	29 ± 0.5	B-22	-7625
JIS	$1.6^{+0.2}_{-0.15}$	$8.9^{+0.3}_{-0.2}$	5.8 ± 0.2	26 ± 0.5	B-14	-7525
JIS	$1.2^{+0.3}_{-0.05}$	$7^{+0.3}_{-0.2}$	4.5 ± 0.2	21 ± 0.5	B-8	-7425
JIS	$1^{+0.2}_{-0.1}$	5.4 ± 0.2	3.4 ± 0.2	15 ± 0.5	B-5.5	-7325
JIS	$0.8^{+0.3}_{0}$	4.1 ± 0.2	2.3 ± 0.2	15 ± 0.5	B-2	-7225
JIS	$0.75^{+0.2}_{-0.05}$	3.3 ± 0.2	1.7 ± 0.2	15 ± 0.5	B-1.25	50530-7125

DO NOT SCALE DRAWING

DRWG NO.	DRWG NO.	DRWG NO.	DRWG NO.	DRWG NO.	RELEASED	DESCRIPTION	
DRWN:	DRWN:	DRWN:	DRWN:	DRWN:	DRWG NO. JC20001-0444		
CH'K:	CH'K:	CH'K:	CH'K:	CH'K:	DRWN: T.KAIHO '00/12/15		
APPR:	APPR:	APPR:	APPR:	APPR:	CH'K: M.FUKUSHIMA		
					APPR: N.HAYASHI		
					0	REV	

MATERIAL 材料: 無酸素銅 OXYGEN FREE HIGH CONDUCTIVITY COPPER

FINISH 仕上げ: スズメッキ TIN PLATING

WIRE RANGE 適用電線範囲: 注記参照 SEE NOTES

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

MODEL NO. 50530-7*25

THIRD ANGLE PROJECTION

DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY

SHT REV

REVISE ON CAD ONLY

DRAWN BY & DATE '00/12/15 T.KAIHO

CHECKED BY & DATE '00/12/15 M.FUKUSHIMA

APPROVED BY & DATE '00/12/15 N.HAYASHI

CAD FILENAME 50530001.S01

TITLE: SLEEVE TERMINAL (銅線用裸圧着スリーブ) (CRIMP-STYLE SLEEVE TERMINAL FOR COPPER CONDUCTORS)

molex MOLEX INCORPORATED

MATERIAL NO. SEE CHART

DRAWING NO. SD-50530-001

SHEET NO. 1 OF 1

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SIZE B

50530001.S01

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