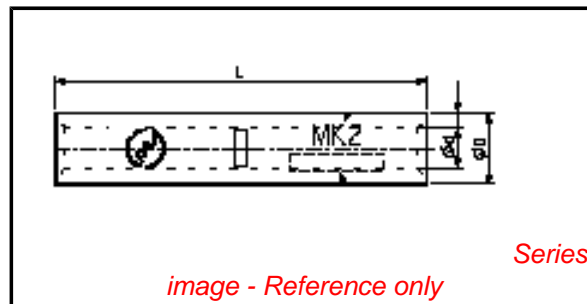


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0505307825**
Status: **Active**
Description: Butt Splice for 1/0 AWG, Closed Uninsulated Barrel, Oxygen Free Copper, Length 36.00mm (1.417")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-50530-002 \(PDF\)](#)



General

Product Family	Splices
Series	<u>50530</u>
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 mm ²	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

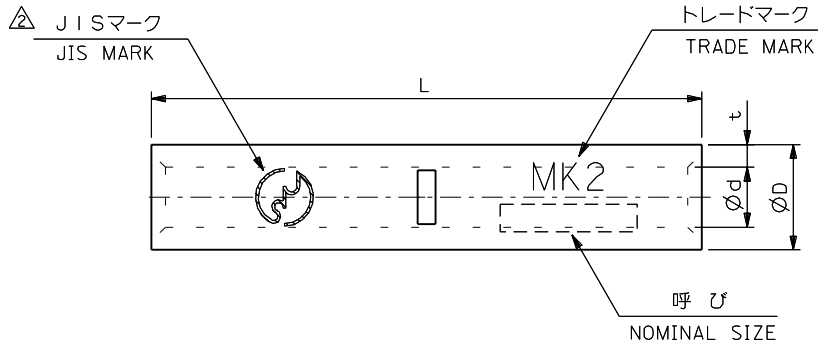
50530Series

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



注記
NOTES

1 適用電線 APPLICABLE WIRE RANGE

ENG. NO.	単線 SOLID WIRE [mm]	撚線 STRANDED WIRE [mm ²]
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 ^{+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 ^{+0.2}	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 ^{+0.2} _{-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} _{-0.1}	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
△	t	φD	φd	L	呼び NOMINAL SIZE	MATERIAL NO.

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

DO NOT SCALE DRAWING

<small>DESIGN NO.</small> DRWN: CHK: APPR:	<small>DESIGN NO.</small> DRWN: CHK: APPR:	<small>DESIGN NO.</small> DRWN: CHK: APPR:	<small>DESIGN NO.</small> DRWN: CHK: APPR:	RELEASED <small>DESIGN NO.</small> JC2001-0444 <small>DRWN:</small> T.KAIHO '00/12/15 <small>CHK:</small> M.FUKUSHIMA <small>APPR:</small> N.HAYASHI	<small>MATERIAL</small> 材料 無酸素銅 OXYGEN FREE HIGH CONDUCTIVITY COPPER <small>FINISH</small> 仕上げ スズメッキ TIN PLATING <small>WIRE RANGE</small> 適用電線範囲 注記参照 SEE NOTES	<small>GENERAL TOLERANCES:</small> (UNLESS SPECIFIED) 一般公差	SCALE — — <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	MODEL NO. 50530-7*25	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT REV OTHERWISE ON CAD ONLY	DRAWN BY & DATE T.KAIHO '00/12/15 CHECKED BY & DATE M.FUKUSHIMA '00/12/15 APPROVED BY & DATE N.HAYASHI '00/12/15 <small>CAD FILENAME</small> 5053001.LS01	TITLE: SLEEVE TERMINAL (銅線用裸圧着スリーブ) (CRIMP-STYLE SLEEVE TERMINAL FOR COPPER CONDUCTORS)	<small>MATERIAL NO.</small> SEE CHART <small>DRAWING NO.</small> SD-50530-001 <small>SHEET NO.</small> 1 OF 1