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Part Number:

5016471000

Status:

Active

Overview:

[igrid](#)

Description:

2.00mm (.079") Pitch iGrid™ Wire-to-Board Crimp Terminal, Female, 22-26 AWG, Reel

Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-501646-001 \(PDF\)](#)

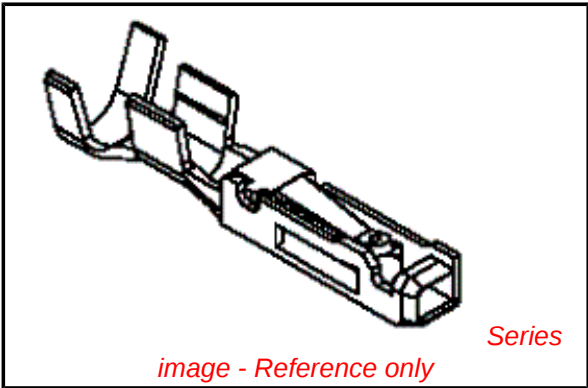
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	501647
Crimp Quality Equipment	Yes
Overview	igrid
Product Name	iGrid™
Physical	
Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.95-1.50 (.037-.059")
Wire Size AWG	22, 24, 26
Wire Size mm²	0.124-0.34
Electrical	
Current - Maximum per Contact	2A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-501646-001, RPS-501646-001, RPS-501646-002, RPS-501646-003, RPS-501646-004, RPS-501646-005, RPS-501646-006, RPS-501646-007
Sales Drawing	SD-501647-001



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

[501647](#)Series

Mates With

[501645](#) Vertical Header . [501676](#) Right Angle Header

Use With

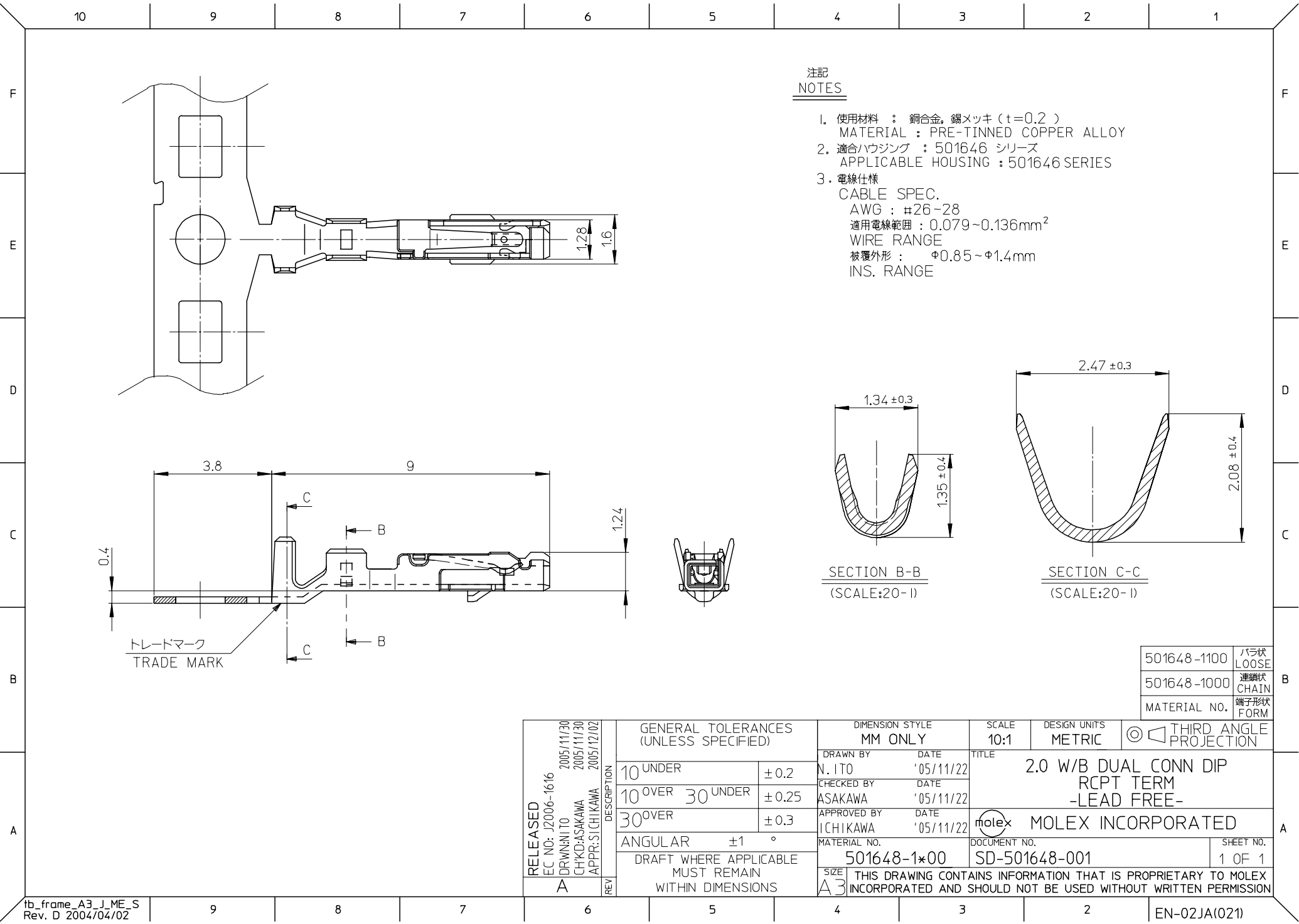
[501646](#) Receptacle Housing

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.	
Global	
Description	Product #
Manual Extraction Tool	0638131500
Hand Crimp Tool for 2.00mm(.079") Pitch iGrid™ Wire-to-Board Terminals	0638192300

	T2 Terminator	<u>0638587000</u>
	Tooling Die	
	FineAdjust™	<u>0638687000</u>
	Applicator	
	Japan	
	Description	Product #
	Applicator for M211A Bench Press, 22-26	<u>5780213000</u>
	AWG, for 501647 and 501648 Crimp Terminal	
	Side-Feed Applicator for Fully-Auto Machine, 22-26	<u>5780213200</u>
	AWG, for 501647 and 501648 Crimp Terminal	

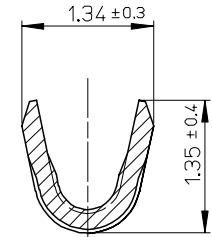
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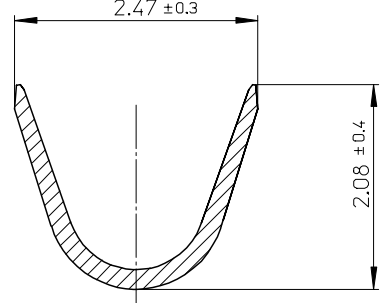


注記
NOTES

- 1. 使用材料 : 銅合金, 錫メッキ (t=0.2)
MATERIAL : PRE-TINNED COPPER ALLOY
- 2. 適合ハウジング : 501646 シリーズ
APPLICABLE HOUSING : 501646 SERIES
- 3. 電線仕様
CABLE SPEC.
AWG : #26~28
適用電線範囲 : 0.079~0.136mm²
WIRE RANGE
被覆外形 : Φ0.85~Φ1.4mm
INS. RANGE



SECTION B-B
(SCALE:20-1)



SECTION C-C
(SCALE:20-1)

501648-1100	バラ状 LOOSE
501648-1000	連鎖状 CHAIN
MATERIAL NO.	端子形状 FORM

RELEASED EC NO: J2006-1616 2005/11/30 DRWN:ITO CHKD:ASAKAWA 2005/11/30 APPR:ICHIKAWA 2005/12/02	DESCRIPTION REV A	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		10 UNDER	± 0.2	DRAWN BY N. ITO	DATE '05/11/22	TITLE 2.0 W/B DUAL CONN DIP RCPT TERM -LEAD FREE-							
		10 OVER 30 UNDER	± 0.25	CHECKED BY ASAKAWA	DATE '05/11/22								
		30 OVER	± 0.3	APPROVED BY ICHIKAWA	DATE '05/11/22	MOLEX INCORPORATED							
		ANGULAR	±1 °	MATERIAL NO. 501648-1*00							DOCUMENT NO. SD-501648-001		SHEET NO. 1 OF 1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								