

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5016461800

Status:

Active

Overview:

[igrid](#)

Description:

2.00mm (.079") Pitch iGrid™ Wire-to-Board Housing, Dual Row, Positive Lock, 18 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

General

Product Family

Series

MolexKits

Overview

Product Name

Crimp Housings

501646

Yes

[igrid](#)

iGrid™

Physical

Circuits (maximum)

Color - Resin

Gender

Glow-Wire Compliant

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Stackable

Temperature Range - Operating

18

Natural

Female

No

Yes

Nylon

2

Bag

No

0.079 In

2.00 mm

Yes

No

-25°C to +85°C

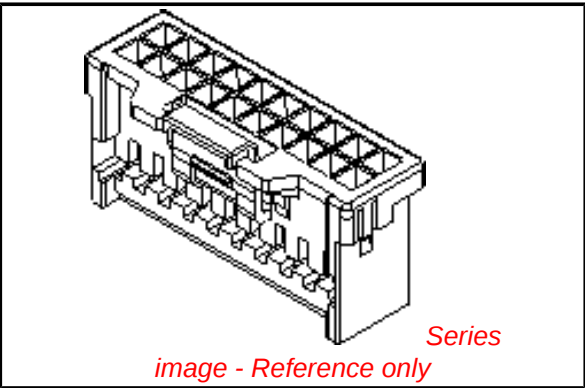
Material Info

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, RPS-503091-001 SD-501646-001

Sales Drawing



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

501646Series

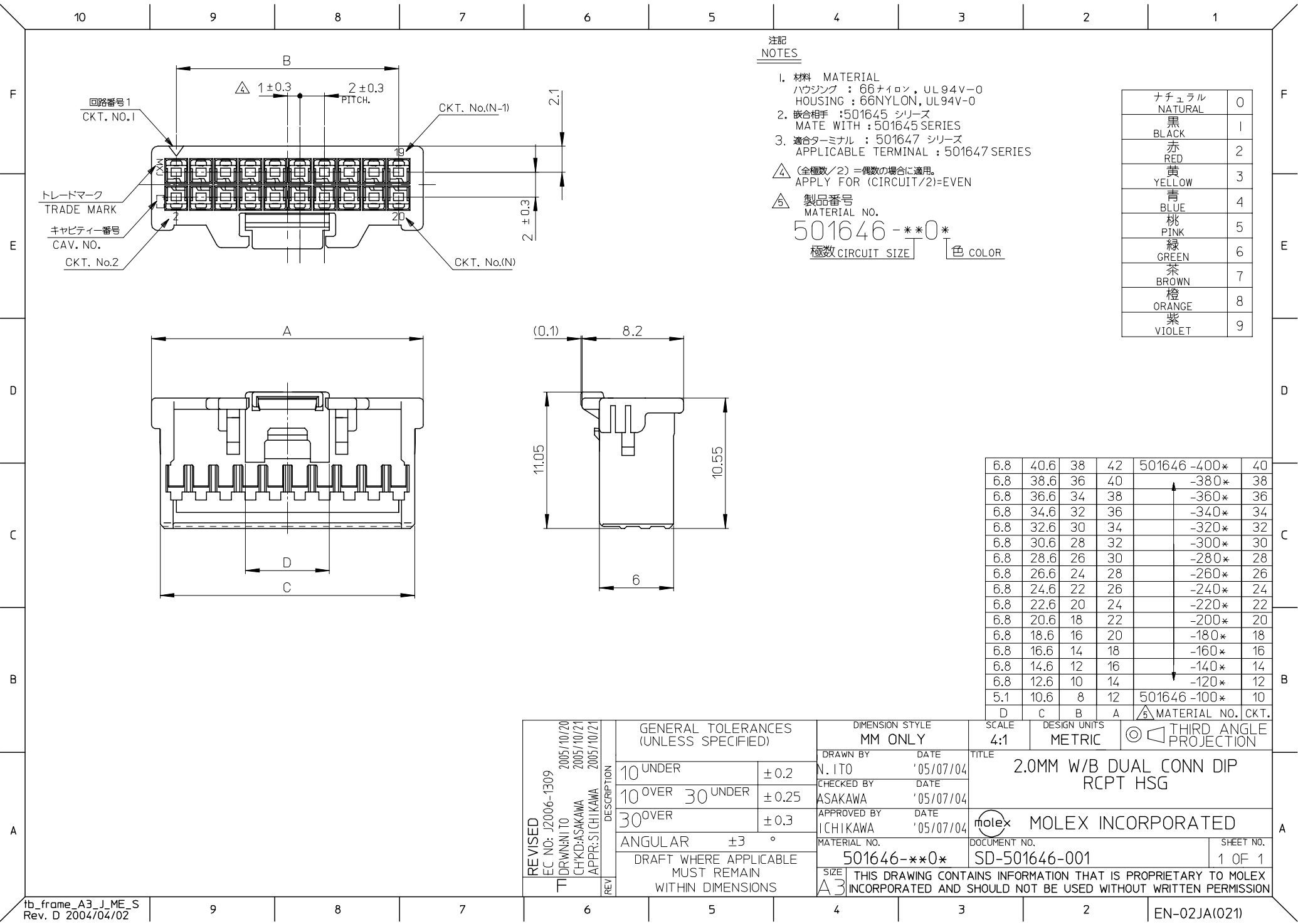
Mates With

501645 Vertical Header . 501876 Right Angle Header

Use With

501647 22-26 AWG Terminal . 501648 26-28 AWG Terminal

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注記
NOTES

1. 材料 MATERIAL
ハウジング : 66ナイロン, UL94V-0
HOUSING : 66NYLON, UL94V-0
2. 嵌合相手 : 501645 シリーズ
MATE WITH : 501645 SERIES
3. 適合ターミナル : 501647 シリーズ
APPLICABLE TERMINAL : 501647 SERIES

△ (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

△ 製品番号
MATERIAL NO.
501646 -**0*
極数 CIRCUIT SIZE 色 COLOR

ナチュラル NATURAL	0
黒 BLACK	1
赤 RED	2
黄 YELLOW	3
青 BLUE	4
桃 PINK	5
緑 GREEN	6
茶 BROWN	7
橙 ORANGE	8
紫 VIOLET	9

6.8	40.6	38	42	501646 -400*	40
6.8	38.6	36	40	-380*	38
6.8	36.6	34	38	-360*	36
6.8	34.6	32	36	-340*	34
6.8	32.6	30	34	-320*	32
6.8	30.6	28	32	-300*	30
6.8	28.6	26	30	-280*	28
6.8	26.6	24	28	-260*	26
6.8	24.6	22	26	-240*	24
6.8	22.6	20	24	-220*	22
6.8	20.6	18	22	-200*	20
6.8	18.6	16	20	-180*	18
6.8	16.6	14	18	-160*	16
6.8	14.6	12	16	-140*	14
6.8	12.6	10	14	-120*	12
5.1	10.6	8	12	501646 -100*	10
D	C	B	A	△ MATERIAL NO. CKT.	

REVISED EC NO: J2006-1309 DRAWN: ITO CHKD: ASAKAWA APPR: S. CHIKAWA 2005/10/20 2005/10/21 2005/10/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		10 UNDER	±0.2	DRAWN BY N. ITO	DATE '05/07/04	TITLE 2.0MM W/B DUAL CONN DIP RCPT HSG							
		10 OVER 30 UNDER	±0.25	CHECKED BY ASAKAWA	DATE '05/07/04								
		30 OVER	±0.3	APPROVED BY ICHIKAWA	DATE '05/07/04	MOLEX INCORPORATED							
		ANGULAR	±3 °	MATERIAL NO. 501646-**-0*							DOCUMENT NO. SD-501646-001		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		
	REV												