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Part Number: 0008700106
Status: Active
Description: Board-In Crimp Terminal , Series 5298, Male, with Tin (Sn) Plated Brass Contact, 18-22 AWG, 1.70 to 3.05mm (.067 to.120") Insulation Diameter, Reel Packaged

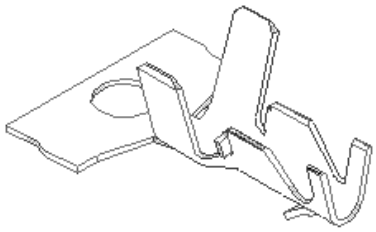

image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-5298-001 (PDF)
Product Specification PS-5298-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR95446
UL	E29179

General

Product Family	Crimp Terminals
Series	5298
Crimp Quality Equipment	Yes
Product Name	Board-In Stand Alone Terminal

Physical

Flammability	94V-2
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	35
Plating min: Mating (µm)	0.88
Plating min: Termination (µin)	35
Plating min: Termination (µm)	0.88
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.70-3.05mm (.067-.120")
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A

Material Info

Old Part Number	5298T

Reference - Drawing Numbers

Product Specification	PS-5298-001, PS-5298-002, RPS-5298-001
Sales Drawing	SD-5298-001

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
5298Series

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 #
Terminator Die Mini-Mac™ Applicator	0011402246 0638918000

Japan

Description	Product #
Applicator for M211A Bench Press, 18-22 AWG, for 5298 Crimp Terminal	0011260104

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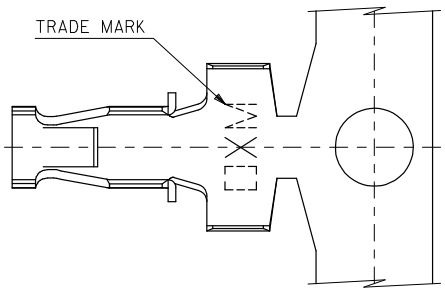
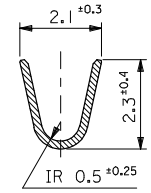
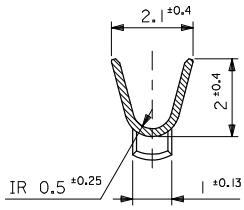
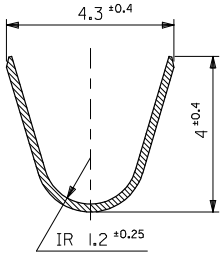




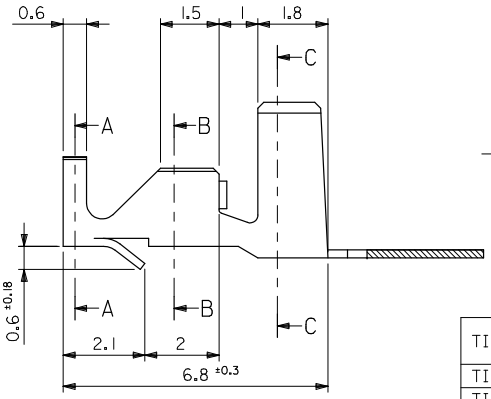
SECT. A-A

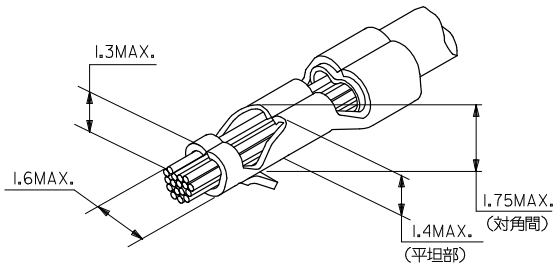


SECT. B-B



SECT. C-C





圧着外観図
OUTSIDE VIEW OF CRIMP

NOTES

1. 推奨プリント基板穴径：φ1.8 $^{+0.1}_{0}$
   RECOMMENDED P.C.B. HOLES : Ø1.8 $^{+0.1}_{0}$
2. 推奨プリント基板厚：t1.57 $^{\pm0.2}$
   RECOMMENDED P.C.B. THICKNESS : 1.57 $^{\pm0.2}$
3. 材料の厚み：0.203
   MATERIAL THICKNESS : 0.203

PLATING	MATERIAL	FORM	EDP NO.	ENG. NO.
TIN-LEAD(90-10) 3.8 µm MIN. OVER NICKEL 1.3 µm MIN.	PHOSPHOR BRONZE	CHAIN	39-00-0277	5298PBPT
	BRASS	CHAIN	39-00-0276	5298PT
TIN 0.9 µm MIN. REFLOW TREATMENT (PRE-PLATED)	PHOSPHOR BRONZE	CHAIN	39-00-0230	5298PBT
TIN 0.9 µm MIN. OVER COPPER 0.5 µm MIN. (PRE-PLATED)	BRASS	CHAIN	08-70-0106	5298T

材料 MATERIAL	SEE TABLE & NOTE
仕上げ FINISH	#
適用電線範囲 WIRE RANGE	AWG #18-22
被覆外径 INS. RANGE	Ø1.7-3.05

REV	DESCRIPTION	
G	REVISED EC NO: J2008-3347	2008/03/21
	DRWN:MNABE1	2008/03/24
	CHKD:THARUYAMA	
	APPR:NUKITA	2008/03/24

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: H.HIRAMOTO DATE: '91/09/05	TITLE: LOW PROFILE PC BOARD CRIMP PIN		
CHECKED BY: H.HIRAMOTO DATE: '93/07/06			
APPROVED BY: M.FUKUSHIMA DATE: '93/07/06	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-5298-001	SHEET NO.: 1 OF 1	

SIZE A3