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Part Number: [0503509001](#)
Status: **Active**
Description: 2.50mm (.098") / 3.00mm (.118") Pitch Wire-to-Board Female Crimp Terminal, Tin (Sn)
Overall, 16-18 AWG, Reel Packaging, Lead-free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51128-003 \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	50350
Crimp Quality Equipment	Yes
Product Name	N/A
Physical	
Durability (mating cycles max)	30
Gender	Female
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	2.00-2.60mm (.079-.102")
Wire Size AWG	16, 18
Wire Size mm²	0.56 TO 1.29

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-50350-001
Product Specification	PS-51128-003, RPS-51128-001, RPS-51128-002, RPS-51128-003
Sales Drawing	SD-50350-9*01

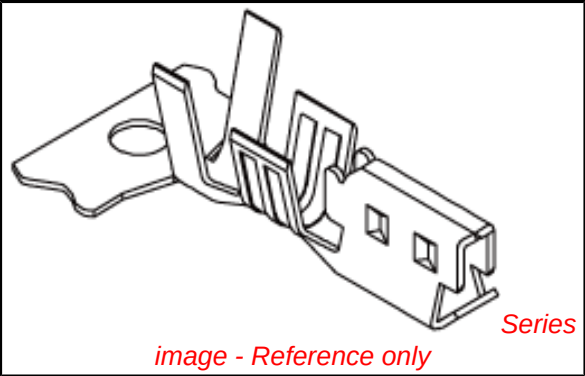


image - Reference only

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.

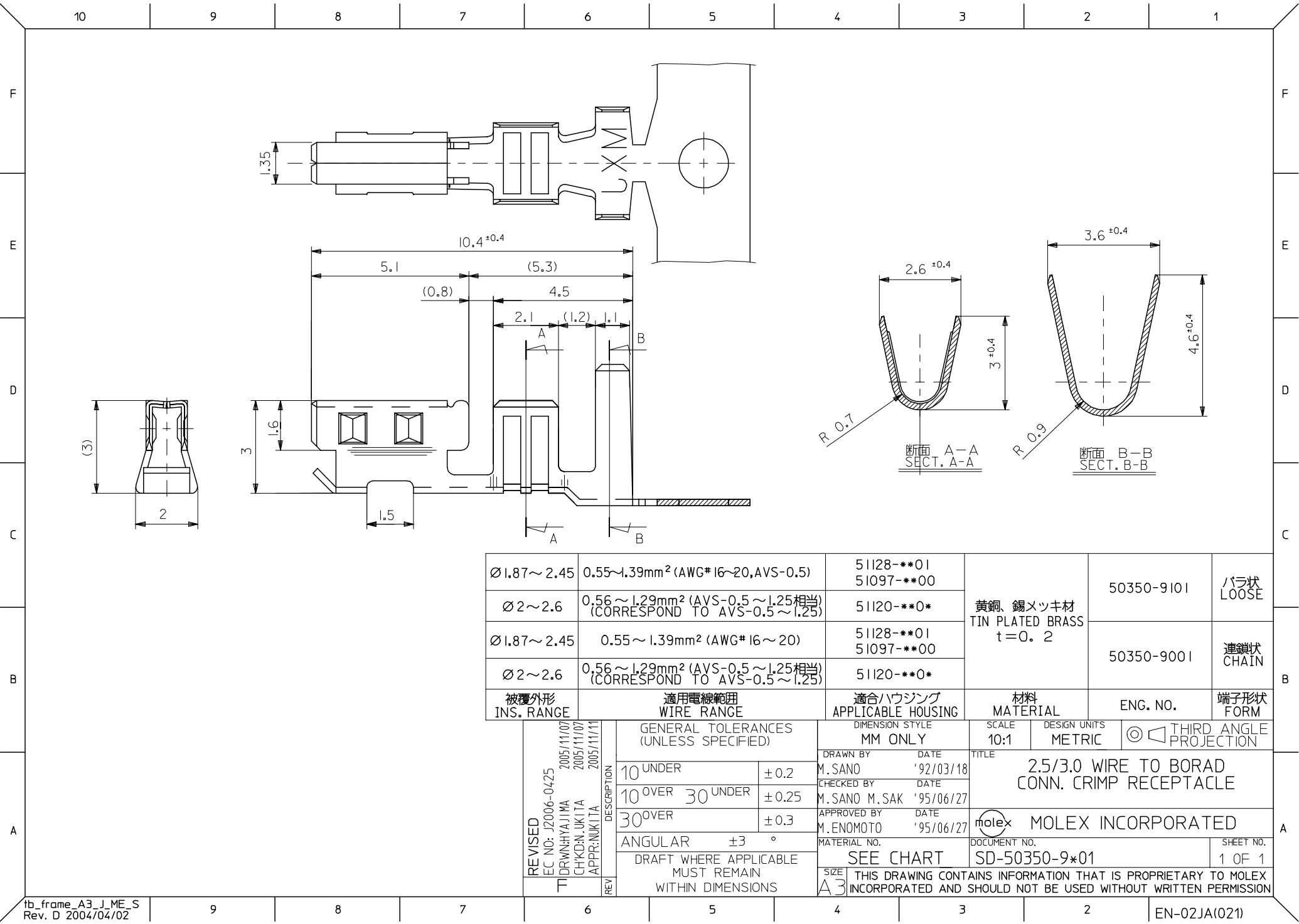
Search Parts in this Series
[50350Series](#)

Use With
[51128-1601](#)

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
T2 Terminator Die	0638513100
FineAdjust™ Applicator	0638613100
Japan	
Description	Product #
Applicator for M211A Bench Press, 16-20 AWG, for 50350 Crimp Terminal	0572883000

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Ø1.87~2.45		0.55~1.39mm ² (AWG# 16~20, AVS-0.5)		51128-***01 51097-***00		黄銅、錫メッキ材 TIN PLATED BRASS t=0.2	50350-9101	バラ状 LOOSE
Ø2~2.6		0.56~1.29mm ² (AVS-0.5~1.25相当) (CORRESPOND TO AVS-0.5~1.25)		51120-***0*				
Ø1.87~2.45		0.55~1.39mm ² (AWG# 16~20)		51128-***01 51097-***00			50350-9001	連鎖状 CHAIN
Ø2~2.6		0.56~1.29mm ² (AVS-0.5~1.25相当) (CORRESPOND TO AVS-0.5~1.25)		51120-***0*				
被覆外形 INS. RANGE		適用電線範囲 WIRE RANGE		適用ハウジング APPLICABLE HOUSING		材料 MATERIAL	ENG. NO.	端子形状 FORM
REVISED EC NO: J2006-0425 DRW: HVAJIMA CHK: DN. UKITA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		10 UNDER ±0.2		DRAWN BY DATE M. SANO '92/03/18		TITLE 2.5/3.0 WIRE TO BORAD CONN. CRIMP RECEPTACLE		
		10 OVER 30 UNDER ±0.25		CHECKED BY DATE M. SANO M. SAK '95/06/27				
		30 OVER ±0.3		APPROVED BY DATE M. ENOMOTO '95/06/27		MOLEX MOLEX INCORPORATED		
		ANGULAR ±3 °		MATERIAL NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART SD-50350-9*01		1 OF 1
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