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Part Number: [0503948400](#)
Status: **Active**
Overview: [milligrd](#)
Description: Milli-Grid™ Crimp Terminal, Bag, Gold Flash, Loose, Lead free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51110-001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	50394
Crimp Quality Equipment	Yes
Overview	milligrd
Product Name	Milli-Grid™

Physical

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Packaging Type	Bag
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm (.055") max.
Wire Size AWG	24, 26, 28, 30
Wire Size mm²	N/A

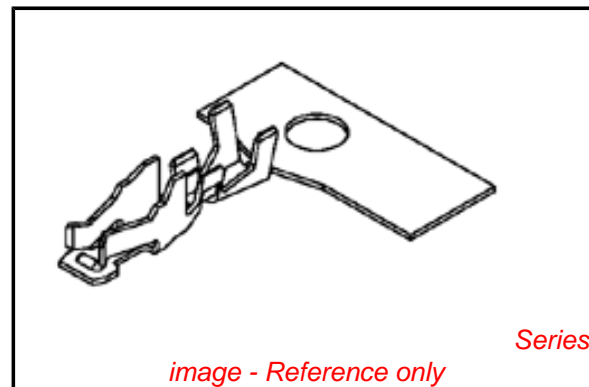
Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51110-001
Sales Drawing	SD-50394-8***



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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

[50394Series](#)

Use With

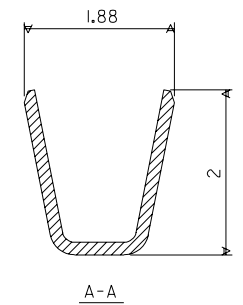
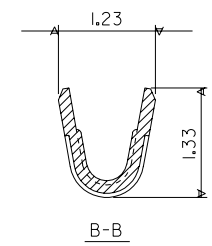
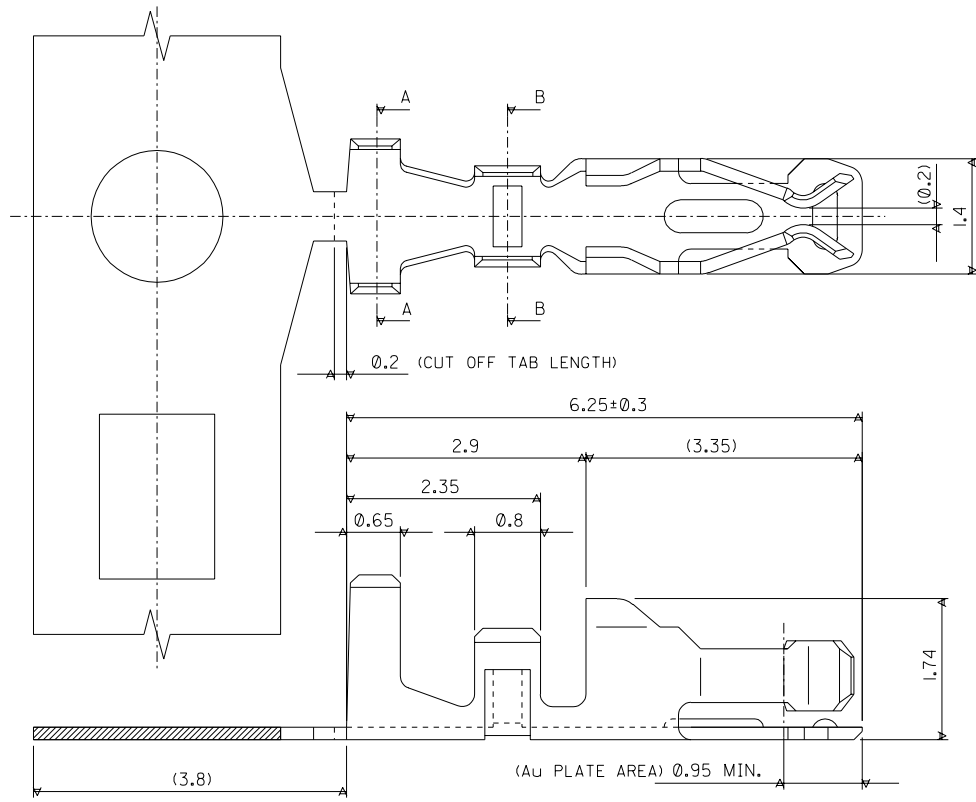
[51110 Crimp Housing](#)

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 #
Hand Crimp Tool for Milli-Grid™ and MicroBlade Crimp Terminals	0638190100



NOTES.

- 1. APPLICABLE HOUSING : 51110-***1
 : 51110-***5

GOLD FLASH 0.05-0.125 μ M	50394-8400	50394-8054
0.38 Pd/Ni w/ GOLD FLASH	50394-8300	50394-8053
0.76	50394-8200	50394-8052
0.38	50394-8100	50394-8051
Au. PLATE THICK. (μ m MIN.)	FORM:LOOSE	FORM:CHAIN
ENG.No.		

B	VOID PART NO. PER ECN S2004-0719	---	ANG LING	040223	MATERIAL : PHOSPHOR BRONZE (THK=0.152)	MOLEX SINGAPORE PTE LTD SHEET 1 OF 1
A2	ADD GOLD FLASH AS PER ECN*S2003-0030	---	NASH LING	02/07/12	FINISH : SEE NOTES	
A1	ADD 0.38 Pd/Ni WITH GOLD FLASH AS PER PDR*98-01- 0267 (ECN*S1998-0364)	---	SEE LING	980312	GENERAL TOLERANCES ± 0.20/.008	REV B
A	REL AS PER ECN*	S40519	SO EDP	940420	DRAWN BY S.O. 940420	DWG. NO.: SD 50394-8***
LTR	REVISION RECORD	ECN	DR CHK	DATE	CHK'D BY EDPOH 940427	TITLE : 2.0mm GRID W TO B CONN. CRIMP TERMINAL
REVISE ONLY ON CAD SYSTEM					APPR'D BY ROY 940428	SCALE 15:1