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Part Number:	**0503948200**
Status:	**Active**
Overview:	milligrid
Description:	Milli-Grid™ Crimp Terminal, Bag, 0.76µm (30µ") Select Gold, 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	milligrid
Product Literature Order No	987650-1991
Product Name	Milli-Grid™

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Packaging Type	Bag
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
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

Material Info

Reference - Drawing Numbers

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

Series image - Reference only
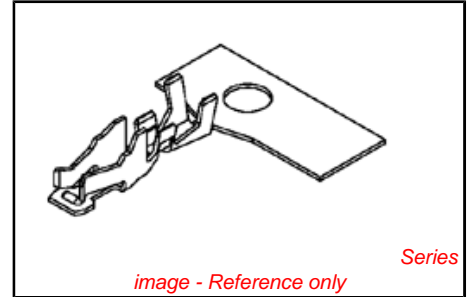
EU RoHS   **China RoHS**

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free Status

Halogen-Free

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.
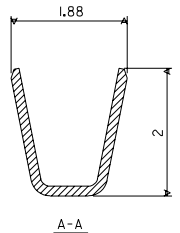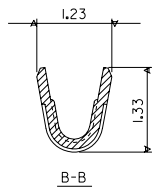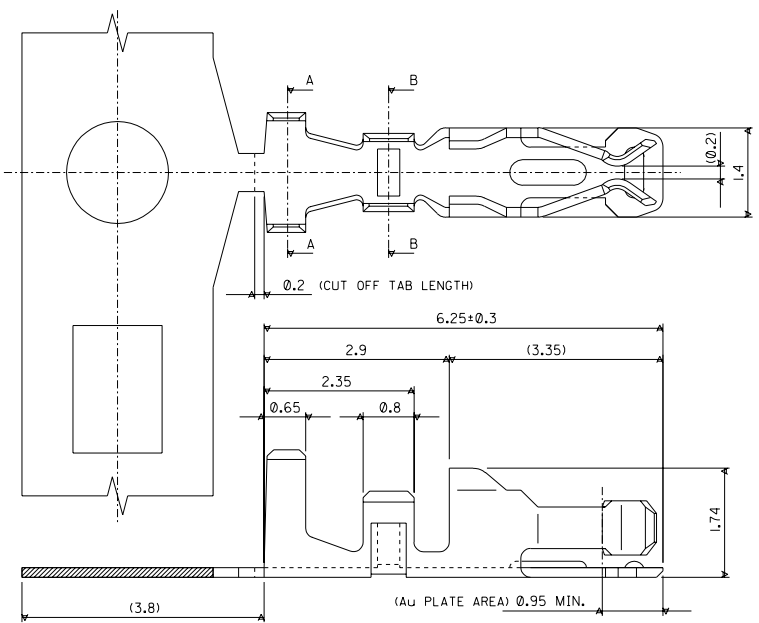**Global**

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

DWG. NO.
SD 50394-8051

CAD FILE
S50394T1.DGN

DO NOT SCALE DRAWING

| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

A B

A B

0.2 (CUT OFF TAB LENGTH)

(0.2)

1.4

6.25±0.3

2.9   (3.35)

2.35

0.65   0.8

(3.8)

(Au PLATE AREA) 0.95 MIN.

1.74

1.23

1.33

B-B

1.88

2

A-A

NOTES.

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

Au. PLATE THICK. (um MIN.)	FORM:LOOSE	FORM:CHAIN
GOLD FLASH 0.05-0.125 uM	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
	ENG.No.	

LTR	REVISION RECORD	ECN	DR CHK	DATE
B	VOID PART NO.PER ECN S2004-0719	---	ANG LING	040223
A2	ADD GOLD FLASH AS PER ECN#S2003-0030	---	NASH LING	02/07/12
A1	ADD 0.38 Pd/Ni WITH GOLD FLASH AS PER PDR#98-01-0267 (ECN#S1998-0364)	---	SEE LING	980312
A	REL AS PER ECN#	S40519	SO EDP	940420

REVISE ONLY ON CAD SYSTEM

MATERIAL :
PHOSPHOR BRONZE
(THK=0.152)

FINISH :
SEE NOTES

DRAWN BY
S.Q.   940420

CHK'D BY
EDPOH   940427

APPR'D BY
ROY   940428

SCALE
15:1

MOLEX SINGAPORE
PTE LTD
SHEET 1 OF 1

GENERAL TOLERANCES ± 0.20/.008   REV B

DWG. NO.:
SD 50394-8●●●

TITLE :
2.0mm GRID W TO B
CONN. CRIMP TERMINAL

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