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RELEASED FOR PUBLICATION

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL	07APR2015	DW	CW

SECTION A - A

NOTES:

1. TECHNICAL CHARACTERISTICS:
 CONTACT MATERIAL: BRASS
 SURFACE PLATING:
 SILVER PLATING: $\geq 2\mu\text{m}$
 GOLD PLATING: $\geq 0.75\mu\text{m}$
 CONTACT RESISTANCE: $\leq 3\text{m}\Omega$
 WIRE RANGE: 1.0-10.0 mm² (18-8 AWG)
 OPERATION TEMPERATURE: -40~+125°C

注释:

1. 技术参数:
 公针材料: 黄铜
 表面电镀:
 镀银: $\geq 2\mu\text{m}$
 镀金: $\geq 0.75\mu\text{m}$
 接触电阻: $\leq 3\text{m}\Omega$
 接线范围: 1.0-10.0 mm² (18-8 AWG)
 工作温度: -40~+125°C

	PART NUMBER		ϕd	ϕD	WIRE GAUGE		STRIPPING LENGTH L (mm)
	SILVER PLATING	GOLD PLATING			MM ²	AWG	
PIN CONTACT	T2040001010-000	T2040011010-000	1.45	2.65	1.0	18	9.2
	T2040001015-000	T2040011015-000	1.75	3.00	1.5	16	
	T2040001025-000	T2040011025-000	2.25	3.45	2.5	14	
	T2040001040-000	T2040011040-000	2.85	3.85	4.0	12	
	T2040001060-000	T2040011060-000	3.50	5.00	6.0	10	
	T2040001100-000	T2040011100-000	4.30	5.60	10.0	8	

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DWN 25JAN2015

David Wang

CHK 25JAN2015

Chris Wang

APVD 25JAN2015

Xiang Xu

PRODUCT SPEC

108-137053

APPLICATION SPEC

114-137053

WEIGHT

-

Customer Drawing

TE Connectivity

NAME

CMM/DMM
MM PIN CONTACT

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-T20400X10XX000

RESTRICTED TO

-

SCALE

4:1

SHEET

1

OF

1

REV

A

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±-
2 PLC	±-
3 PLC	±-
4 PLC	±-
ANGLES	±-

MATERIAL

-

FINISH

-

1470-19 (3/13)



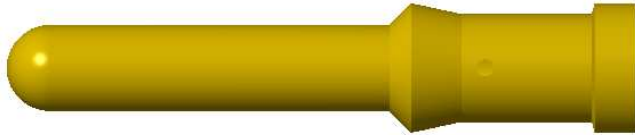
40A MM crimp contact instruction

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1.1	Prepare the crimp contact	2
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1.1 Prepare the crimp contact

Pin contact is applicable to the conductor cross-sectional area: 1.0 mm² ~10.0 mm²



MM pin contact part number		Wire guage	
Silver plating	Gold plating	mm ²	AWG
T2040001010-000	T2040011010-000	1.0	18
T2040001015-000	T2040011015-000	1.5	16
T2040001025-000	T2040011025-000	2.5	14
T2040001040-000	T2040011040-000	4.0	12
T2040001060-000	T2040011060-000	6.0	10
T2040001100-000	T2040011100-000	10.0	8

Socket contact is applicable to the conductor cross-sectional area: 1.0 mm² ~10.0 mm²



MM socket contact part number		Wire guage	
Silver plating	Gold plating	mm ²	AWG
T2040002010-000	T2040012010-000	1.0	18
T2040002015-000	T2040012015-000	1.5	16
T2040002025-000	T2040012025-000	2.5	14
T2040002040-000	T2040012040-000	4.0	12
T2040002060-000	T2040012060-000	6.0	10
T2040002100-000	T2040012100-000	10.0	8

1.2 Prepare the wire

Stripping the wire per the below:

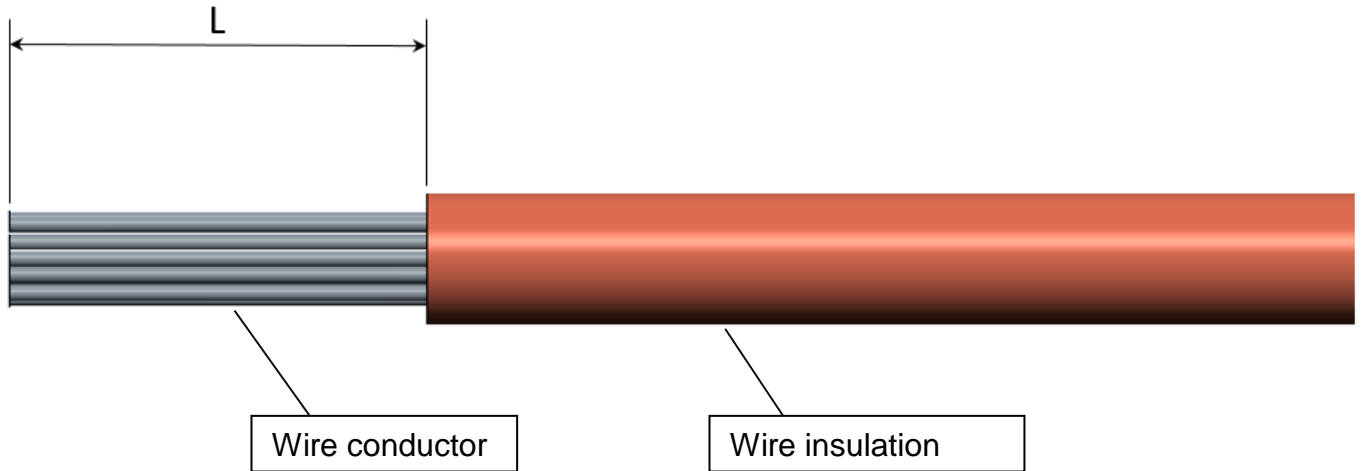
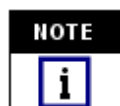


Table 1: Strip length for MM pin contact

Conductor cross-section (mm ²)	L : strip length (mm)
1.0	9.2 ^{+/-0.5}
1.5	9.2 ^{+/-0.5}
2.5	9.2 ^{+/-0.5}
4.0	9.2 ^{+/-0.5}
6.0	9.2 ^{+/-0.5}
10.0	9.2 ^{+/-0.5}

Table 2: Strip length for MM socket contact

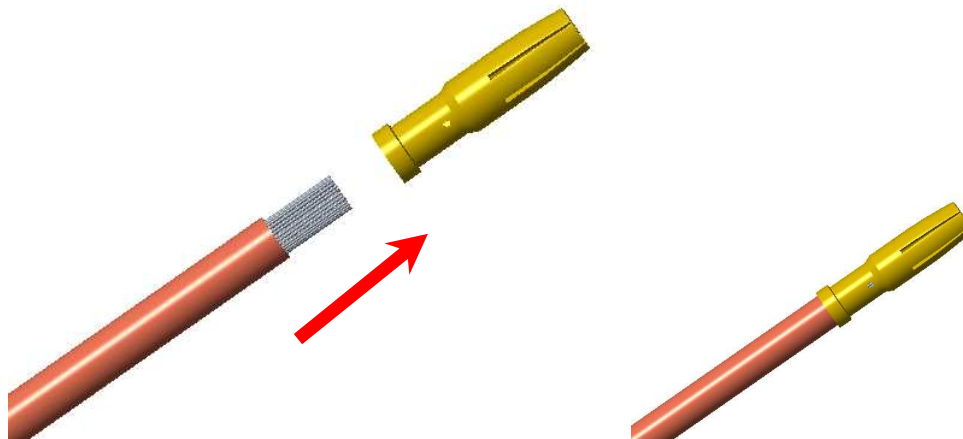
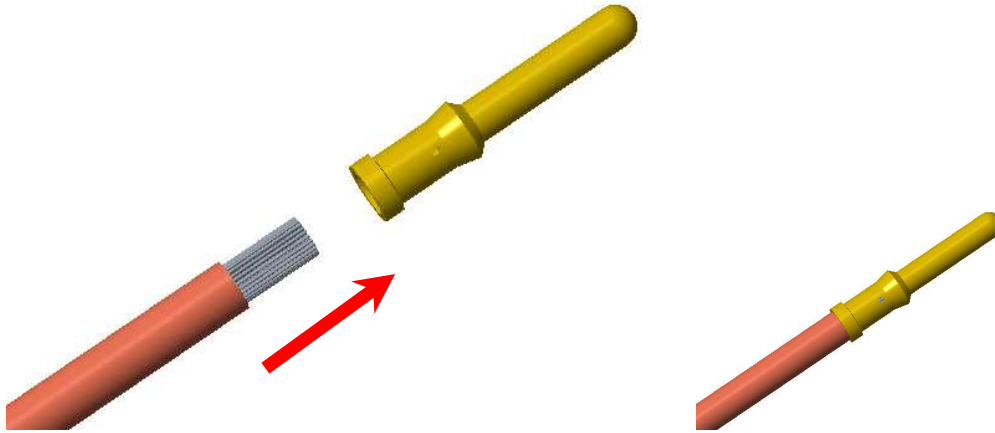
Conductor cross-section (mm ²)	L : strip length (mm)
1.0	9.2 ^{+/-0.5}
1.5	9.2 ^{+/-0.5}
2.5	9.2 ^{+/-0.5}
4.0	9.2 ^{+/-0.5}
6.0	9.2 ^{+/-0.5}
10.0	9.2 ^{+/-0.5}



When stripping the wire, care must be taken to avoid scraping, nicking, or cutting the conductor.

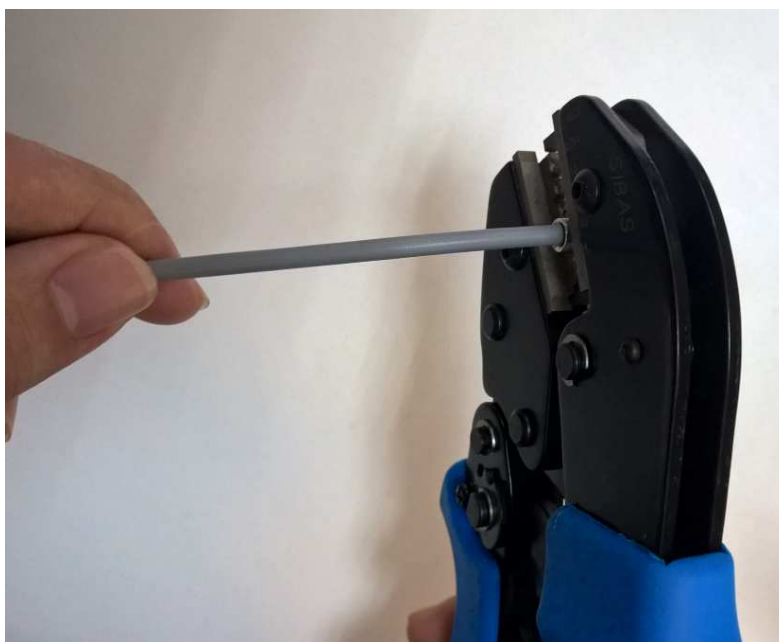
1.3 Crimping the contact

1.3.1 Insert the wire into the wire barrel of pin contact or socket contact up to the stripping length.



Fully insert wire into barrel

1.3.2 Put the contact into crimping tool, then crimp the contact. When crimping the contact, need to make sure the crimp tool fully press, then open the crimp tool and crimp the other contact.



NOTE

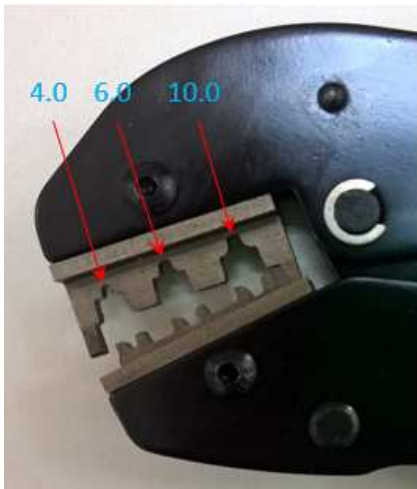


a. contact should be put the right position for crimping.

1.0/1.5/2.5 mm² crimp tool: T310000001-000 CRIMPBOX-0.5/4

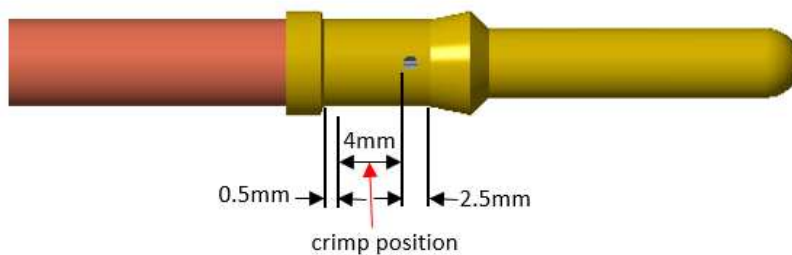


4.0/6.0/10.0 mm² crimp tool: T3100001001-000 CRIMPBOX-4.0/10.0



b. The right crimp area per the below crimp position:

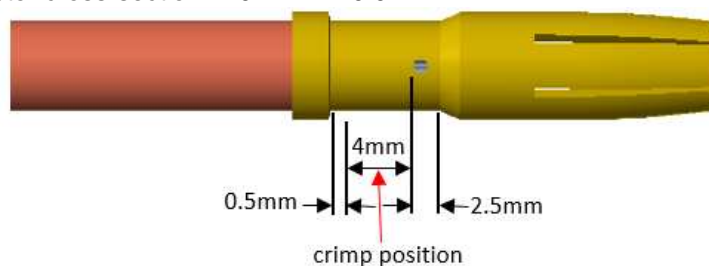
MM pin contact: conductor cross-section 1.0 mm² ~10.0 mm²



After crimping



MM socket contact: conductor cross-section 1.0 mm² ~10.0 mm²



After crimping



c. after crimping, observe the wire conductor by observation hole.



after crimping, observe the wire conductor by observation hole.



-----END-----

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