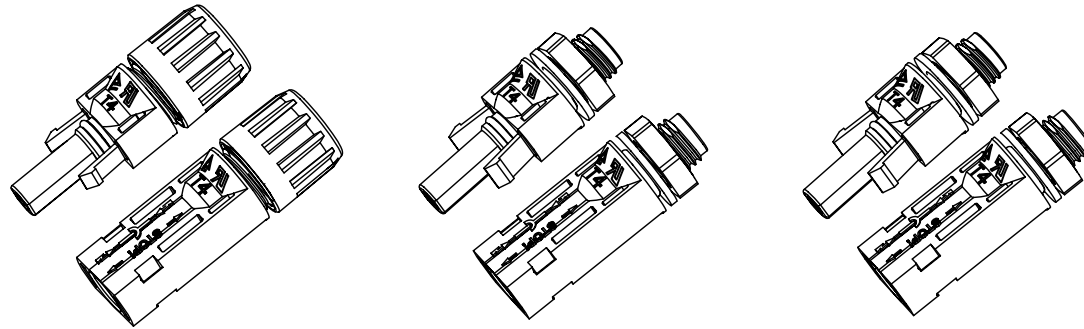


MOLD NO.

REV.	DESCRIPTION	APPD.	DATE
A	INITIAL RELEASED	CEN	12/05/11'
B	UPGRADE CURRENT AND VOLTAGE	MING	06/15/12'



**FREE CONNECTOR**  
(T4 ASSEMBLED)

**FIXED CONNECTOR**  
(T4 BULKHEAD.M12)

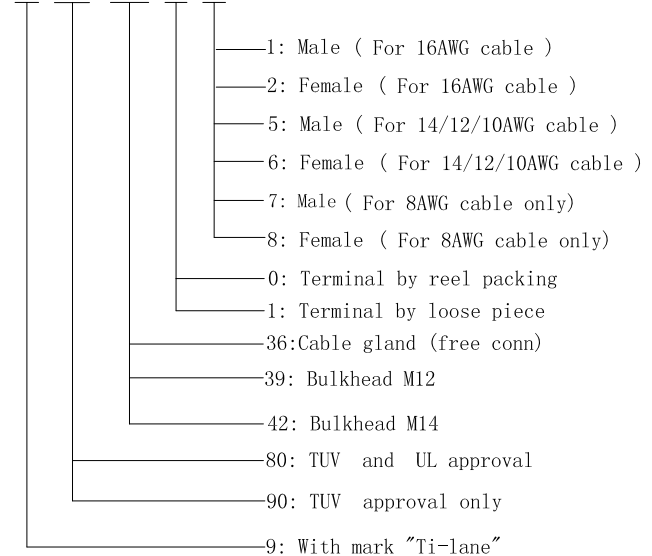
**FIXED CONNECTOR**  
(T4 BULKHEAD.M14)

1. SPECIFICATIONS:

CONTACT SIZE	2.5mm <sup>2</sup> /14AWG	4.0mm <sup>2</sup> /12AWG	6.0mm <sup>2</sup> /10AWG	10.0mm <sup>2</sup> /8AWG
<b>⚠</b> RATED CURRENT	30A (UL)			
<b>⚠</b> RATED VOLTAGE	1000V(IEC/CEI) 1000V(UL)			
TEST VOLTAGE	6kV(50Hz,1min)			
OVERVOLTAGE CATEGORY/POLLUTION DEGREE	CATIII/1			
CONTACT RESISTANCE OF PLUG CONNECTORS	0.5mΩ			
LOCKING SYSTEM	SNAP-IN			
DEGREE OF PROTECTION, MATED	IP67			
DEGREE OF PROTECTION, UNMATED	IP2X			
SAFETY CLASS	II			
AMBIENT TEMPERATURE RANGE	-40°C ~ +90°C (IEC/CEI) -40°C ~ +90°C (UL)			
UPPER LIMITING TEMPERATURE	105°C (IEC/CEI)			
CERTIFICATION	UL AND TUV			
STRIP LENGTH	7.00mm			

ORDER P/N:

9 80 36-0 1



2. Use crimp tool Ti-lane T4 model 2.0/2.2T to crimp contacts

3. This assembly shall be certified Rohs compliant to the european union directive 2002/95/EC as amended per 2005/618/EC

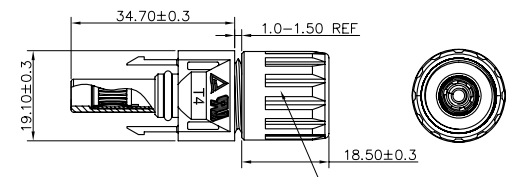
UNDECLARED TOLERANCE		CUS P/N:	<b>Ti-Lane PRECISION</b> <b>Ti-Lane ELECTRONIC CO.,LTD.</b>			
X.±1.0	X.±2.0*	XXXX				
.X±0.5	.X*±1.0*	PART NO.:	TITLE: T4 SOLAR CONNECTOR ASSEMBLY			
.XX±0.2	.XX*±0.5*	SEE TABLE	DWG NO.: D61256			
UNITS: MM		APPD.: WANG	F			
<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF Ti-Lane AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF Ti-Lane.</small>		CHKD.: WANG		SCALE	SHEET	REV.
		DR.: MING 06/11/12'		1:1	1/3	B

ITEM	PART NAME	DESCRIPTION	QTY
1			

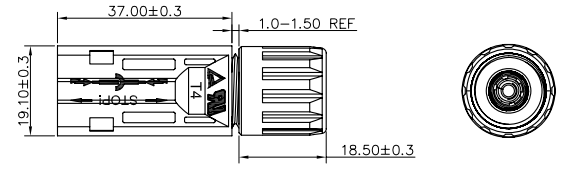
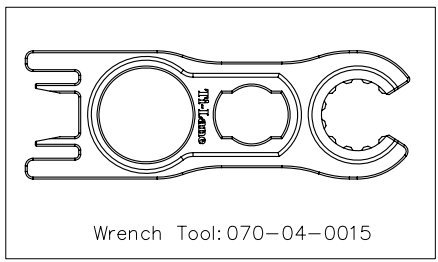
MOLD NO.

REV.	DESCRIPTION	APPD.	DATE
A	INITIAL RELEASED	CEN	12/05/11'
B	UPGRADE CURRENT AND VOLTAGE	MING	06/15/12'

**FREE CONNECTOR**  
(T4 ASSEMBLED)

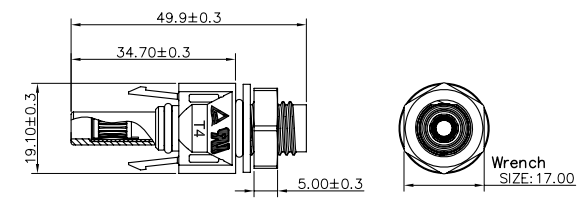


FEMALE Wrench Tool:

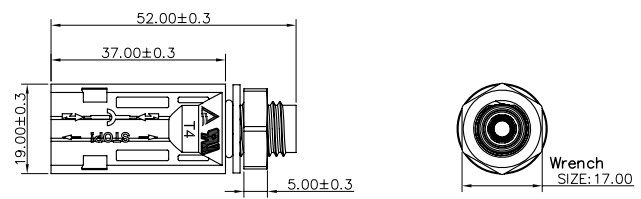
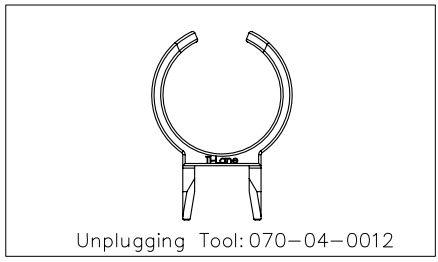


MALE

**FIXED CONNECTOR**  
(T4 BULKHEAD.M12)

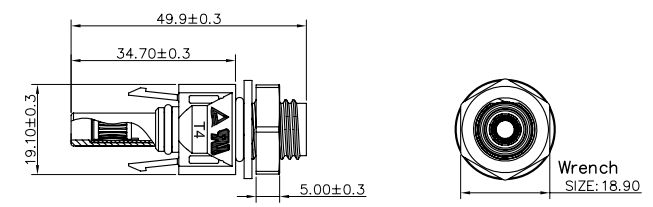


FEMALE

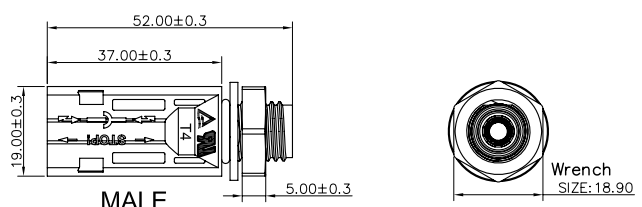


MALE

**FIXED CONNECTOR**  
(T4 BULKHEAD.M14)



FEMALE



MALE

UNDECLARED TOLERANCE		CUS P/N:	<b>Ti-Lane PRECISION</b>	
X.±1.0	X.*±2.0°	XXXX	<b>Ti-Lane ELECTRONIC CO.,LTD.</b>	
.X±0.5	.X*±1.0°	PART NO.:	TITLE: T4 SOLAR	
.XX±0.2	.XX*±0.5°	SEE TABLE	CONNECTOR ASSEMBLY	
UNITS: MM		APPD.: WANG	DWG NO.: D61256	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF Ti-Lane AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF Ti-Lane.		CHKD.: WANG	REV.	
		DR.: MING 06/11/12'	SCALE	SHEET
			1:1	2/3
				B

ITEM	PART NAME	DESCRIPTION	QTY
1			
2			
3			
4			
5			
6			
7			
8			

MOLD NO.

REV.

DESCRIPTION

APPD.

DATE

A

INITIAL RELEASED

CEN

12/05/11'

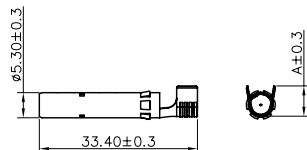
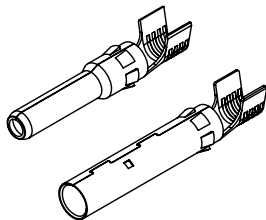
B

UPGRADE CURRENT AND VOLTAGE

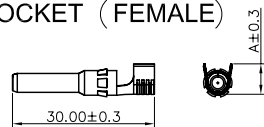
MING

06/15/12'

## STAMPING &amp; FORM CONTACT



SOCKET ( FEMALE)



PIN ( MALE)

	"A" (MM)
4.0mm <sup>2</sup> &6.0mm <sup>2</sup>	5.60
10.00mm <sup>2</sup>	6.40

## ORDER P/N FOR CONTACTS REEL &amp; PACKING INFO

080-02-015 5 C

C: 1500PCS PER REEL

5: For male

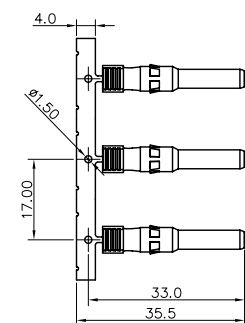
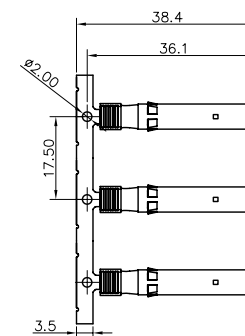
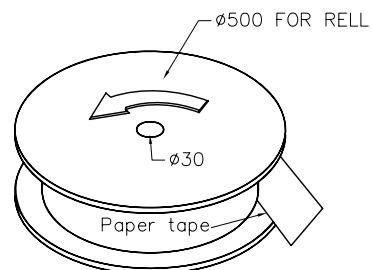
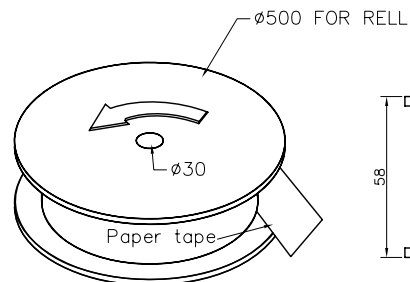
6: For female

015: For 14/12/10AWG cable

016: For 8AWG cable only

02: Terminal finish Nickel 50U", Tin 200U"

080: STAMPING FORM CONTACTS



UNDECLARED TOLERANCE

X.±1.0

X.\*±2.0"

CUS P/N:

XXXX

.X±0.5

.X\*±1.0"

PART NO.:

SEE TABLE

.XX±0.2

.XX\*±0.5"

UNITS: MM

APPD.: WANG

**TL** Ti-Lane PRECISION  
Ti-Lane ELECTRONIC CO.,LTD.

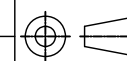
TITLE: T4 SOLAR  
CONNECTOR ASSEMBLY

DWG NO.: D61256

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PRIOR WRITTEN CONSENT OF Ti-Lane.

CHKD.: WANG

DR.: MING 06/11/12'



SCALE

1:1

SHEET

3/3

REV.

B

ITEM PART NAME

DESCRIPTION

QTY