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LOC	DIST
–	–

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A8	ADDED THE TORQUE GAP RANGE	30APR2015	LW	PY

1 SPEFIFICATION

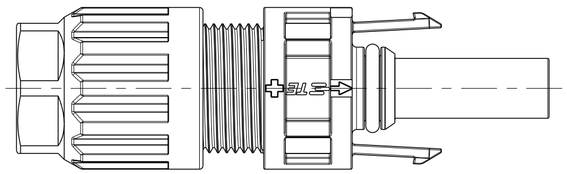
CABLE CONDUCTOR SIZE	4.0MM2/AWG12	6.0MM2/AWG10
RATED CURRENT (AT 85°C AMBIENT)	UL 20A DC TUV 35A DC	UL 30A DC TUV 40A DC
RATED VOLTAGE	1000V DC / TUV 1000V DC	
DEGREE OF PROTECTION,MATED	IP 68 (1m,24h)	
AMBIENT TEMPERATURE RANGE	-40°C~+85°C	
OVERVOLTAGE CATEGORY	III	
POLLUTIOIN DEGREE	2	
CONTACT RESISTANCE	0.5mΩ	
CONTACT MATERIAL	COPPER,TIN PLATED	
INSULATION MATERIAL	THERMOPLASTIC, UL94-V0	
SAFETY CLASS	II	
STRIP LENGTH	6.5mm	
CABLE JACKET DIAMETER	5.5~7.8mm	

2 CONTACT SHOWN UNINSTALLED, FOR REFERENCE ONLY

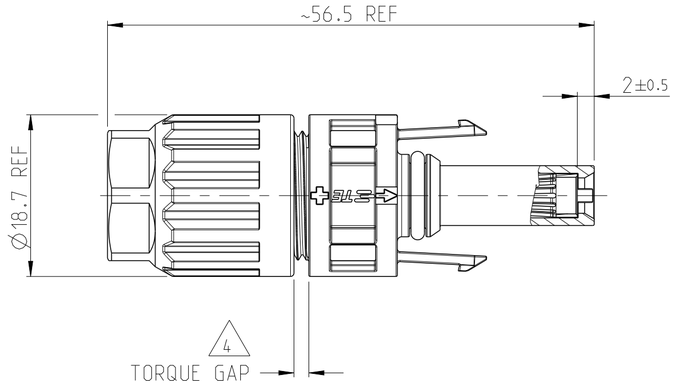
3 USE ONLY CRIMP TOOL OF TE CONNECTIVITY TO CRIMP CONTACT.
CRIMP TOOL P/N 6-1579014-8

4 THE CABLE SCREW JOINT TORQUE GAP:

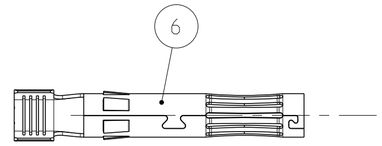
CABLE OD(mm)	TORQUE GAP(mm)
5.5~<=6.0	1.60±0.25
6.0~<=6.5	1.25±0.25
6.5~<=7.0	1.65±0.25



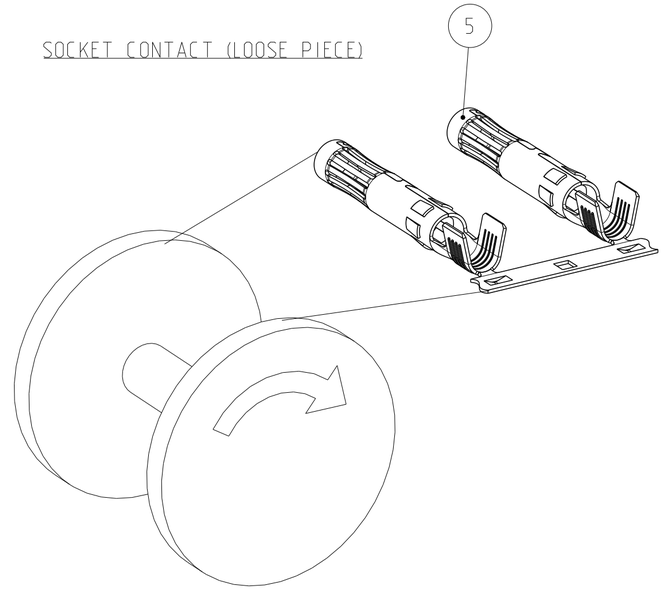
PREASSEMBLED VIEW AS SHOWN



ASSEMBLED VIEW AS SHOWN AND
VIEW SHOWS THE TORQUE GAP FOR REFERENCE ONLY

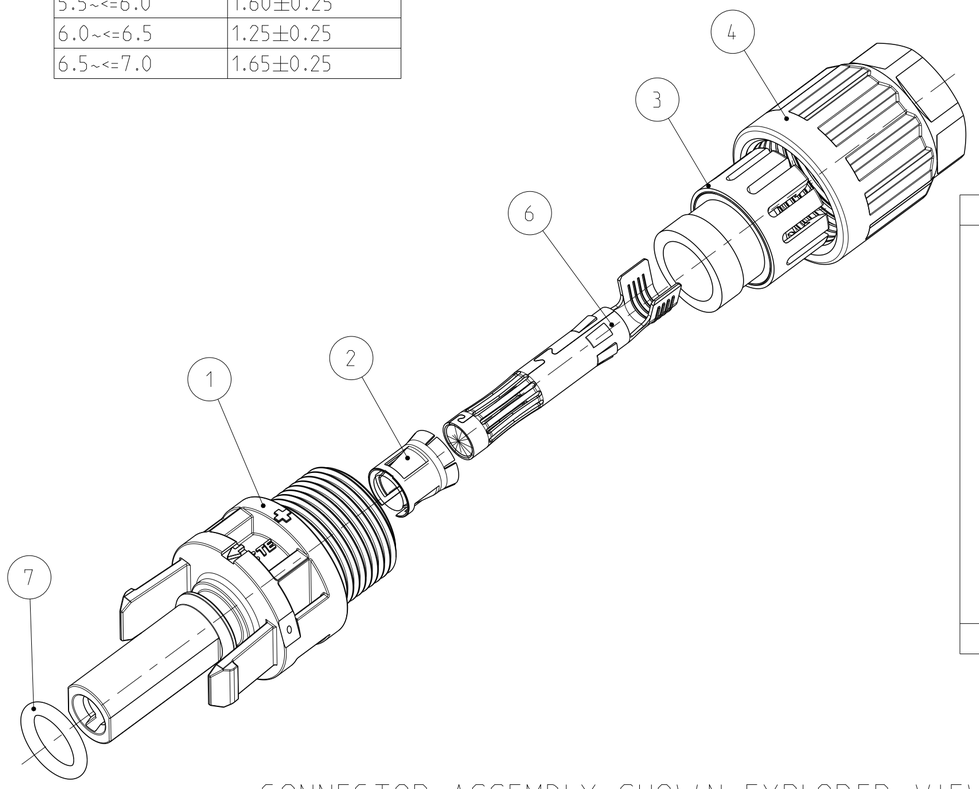


SOCKET CONTACT (LOOSE PIECE)



STRIP CONTACT COME OFF TO ASSEMBLY
2000 PCS CONTACTS MOUNTED REEL
REEL TYPE SUBJECT TO ALTERNATION

-1 AS SHOWN



CONNECTOR ASSEMBLY SHOWN EXPLODED VIEW
FOR REFERENCE ONLY

4- -2	4- -1	3- -2	3- -1	2- -2	2- -1	1- -2	1- -1	-2	-1	PART NUMBER	
1		10		100		2000		1000		PACKAGING QTY.	
5.5~6.0	6.0~7.8	5.5~6.0	6.0~7.8	5.5~6.0	6.0~7.8	5.5~6.0	6.0~7.8	5.5~6.0	6.0~7.8	CABLE JACKET DIAMETER in mm	
1	1	1	1	1	1	1	1	1	1	O-RING. 7.1X1.55 (RED)	7
1	1	1	1	1	1	-	-	1	1	SOCKET CONTACT, 4~6mm²/10~12AWG, LOOSE PIECE	6
-	-	-	-	-	-	1	1	-	-	SOCKET CONTACT, 4~6mm²/10~12AWG, STRIP	5
1	1	1	1	1	1	1	1	1	1	CABLE SCREW JOINT	4
1	1	1	1	1	1	1	1	1	1	PINCH RING SEAL INMOLDED, ASSY	3
1	1	1	1	1	1	1	1	1	1	METAL CLIP	2
1	1	1	1	1	1	1	1	1	1	PV4 SOCKET CONNECTOR. PLUS CODED	1
QUANTITY PER ASSEMBLY										DESCRIPTION	ITEM No

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±-

MATERIAL –

FINISH –

DWN CHRIS WANG 08MAR2012
CHK ROJAY CHEN 08MAR2012
APVD PETER YIN 08MAR2012

PRODUCT SPEC 108-106078
APPLICATION SPEC 114-106078
WEIGHT –

TE Connectivity

NAME
SOCKET CONNECTOR KITS (FEMALE)
(PV4-B*)
SOLARLOK PV4 CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1971862	–

Customer Drawing | SCALE 2:1 | SHEET 1 OF 1 | REV A8

1471-9 (3/11)