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LOC	DIST
-	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	UPGRADE STANDARD TO IEC 62852	02JUN2017	SG	SM

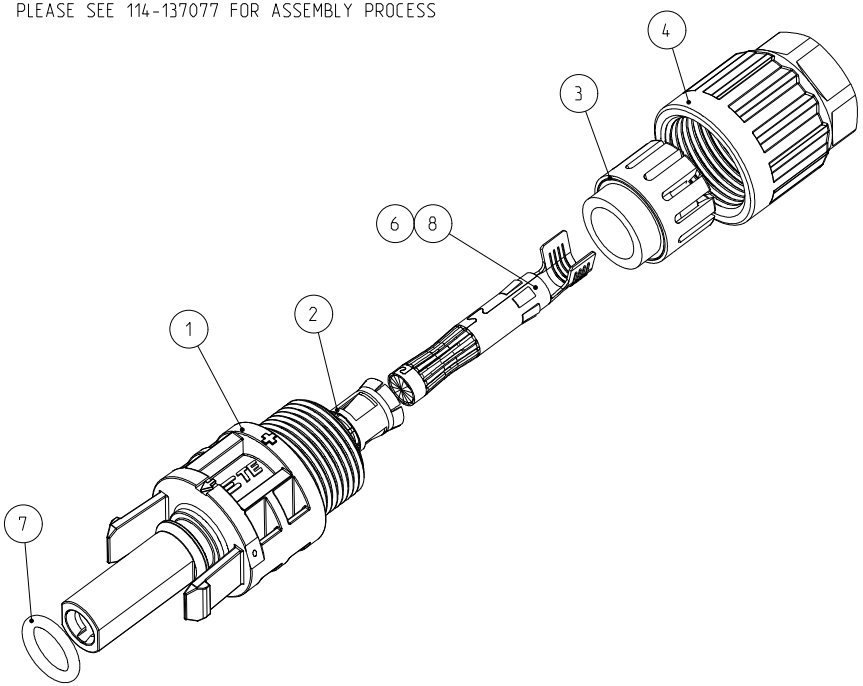
1 SPECIFICATION;

CABLE CONDUCTOR SIZE	2.5MM2/14AWG	4.0MM2/AWG12	6.0MM2/AWG10
RATED CURRENT (AT 85°C AMBIENT)	UL 15A DC TUV 35A DC	UL 20A DC TUV 40A DC	UL 30A DC TUV 45A DC
RATED VOLTAGE	PV4-S: UL 1000V DC / TUV 1000V DC		
	PV4-S1: UL 1500V DC / TUV 1500V 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	6.0~7.8mm		

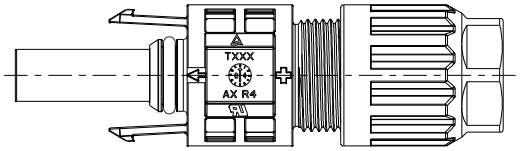
2 CONTACT SHOWN UNINSTALLED, FOR REFERENCE ONLY

3 USE ONLY CRIMPING TOOL OF TE CONNECTIVITY TO CRIMP CONTACT.
A. CRIMPING TOOL PN 6-1579014-9 WILL BE USED FOR CRIMPING THE CONTACTS HAVING WIRE SIZE 2.5mm² AND 4.0mm².
B. CRIMPING TOOL PN 6-1579014-8 WILL BE USED FOR CRIMPING THE CONTACTS HAVING WIRE SIZE 4.0mm² AND 6.0mm².

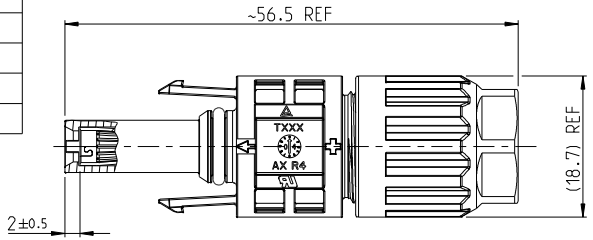
4. PLEASE SEE 114-137077 FOR ASSEMBLY PROCESS



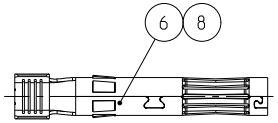
CONNECTOR ASSEMBLY SHOWN EXPLODED VIEW
FOR REFERENCE ONLY



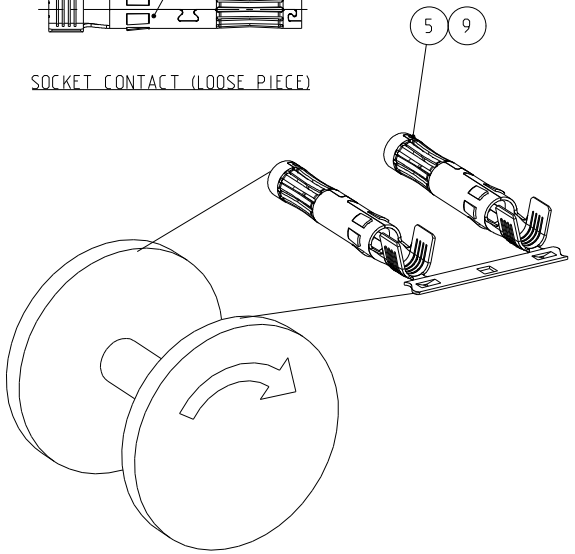
PREASSEMBLED VIEW AS SHOWN



ASSEMBLED VIEW AS SHOWN



SOCKET CONTACT (LOOSE PIECE)



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

-1 AS SHOWN

2- -3	2- -1	1- -3	1- -1	-3	-1	PART NUMBER	ITEM No
100		2000		1000		PACKAGING QTY.	
6.0~7.8						CABLE JACKET DIAMETER in mm	
-	-	1	-	-	-	SOCKET CONTACT, 2.5mm²/14AWG, STRIP	9
1	-	-	-	1	-	SOCKET CONTACT, 2.5mm²/14AWG, LOOSE PIECE	8
1	1	1	1	1	1	O-RING, 7.1X1.55 (RED)	7
-	1	-	-	-	1	SOCKET CONTACT, 4~6mm²/10~12AWG, LOOSE PIECE	6
-	-	-	1	-	-	SOCKET CONTACT, 4~6mm²/10~12AWG, STRIP	5
1	1	1	1	1	1	CABLE SCREW JOINT	4
1	1	1	1	1	1	PINCH RING SEAL INMOLDED, ASSY	3
1	1	1	1	1	1	METAL CLIP	2
1	1	1	1	1	1	PV4-S 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	WANG LORRY 13JUN2014
CHK	TAO DANIEL 13JUN2014
APVD	PETER YIN 13JUN2014
PRODUCT SPEC	108-137077
APPLICATION SPEC	114-137077
WEIGHT	-

TE Connectivity

NAME: SOCKET CONNECTOR KITS
PV4-S/S1 CONNECTOR, PV4-SF*/S1F*
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2270025	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV B

1471-9 (3/11)