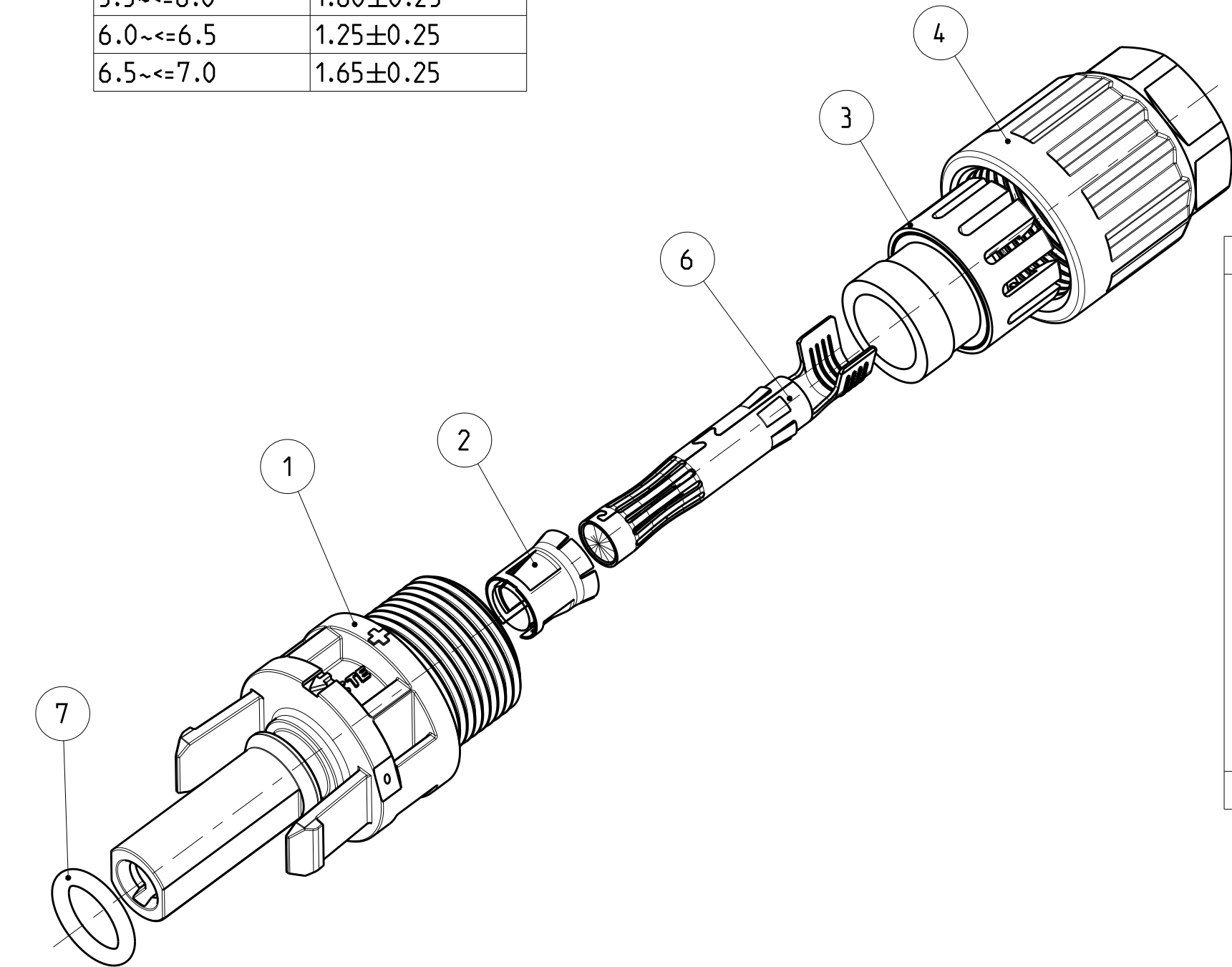


1 SPECIFICATION

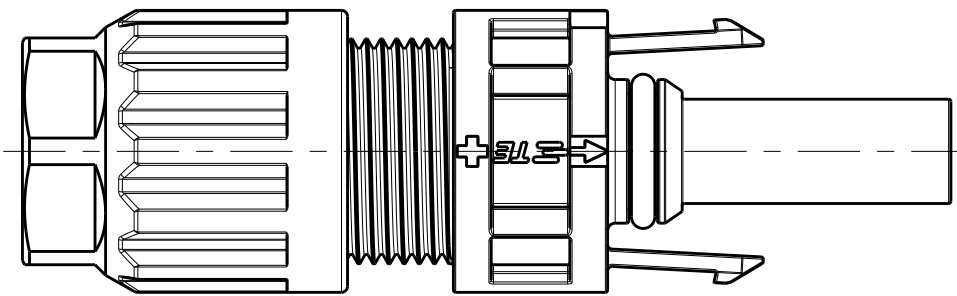
CABLE CONDUCTOR SIZE	4.0MM2/AWG12	6.0MM2/AWG10
RATED CURRENT (AT 85°C AMBIENT)	UL 20A DC TUV 35A DC	UL 30A DC TUV 40A DC
RATED VOLTAGE	1000V DC / TUV 1000V DC	
DEGREE OF PROTECTION,MATED	IP 68 (1m,24h)	
AMBIENT TEMPERATURE RANGE	-40°C ~+85°C	
OVERVOLTAGE CATEGORY	III	
POLLUTIOIN DEGREE	2	
CONTACT RESISTANCE	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:

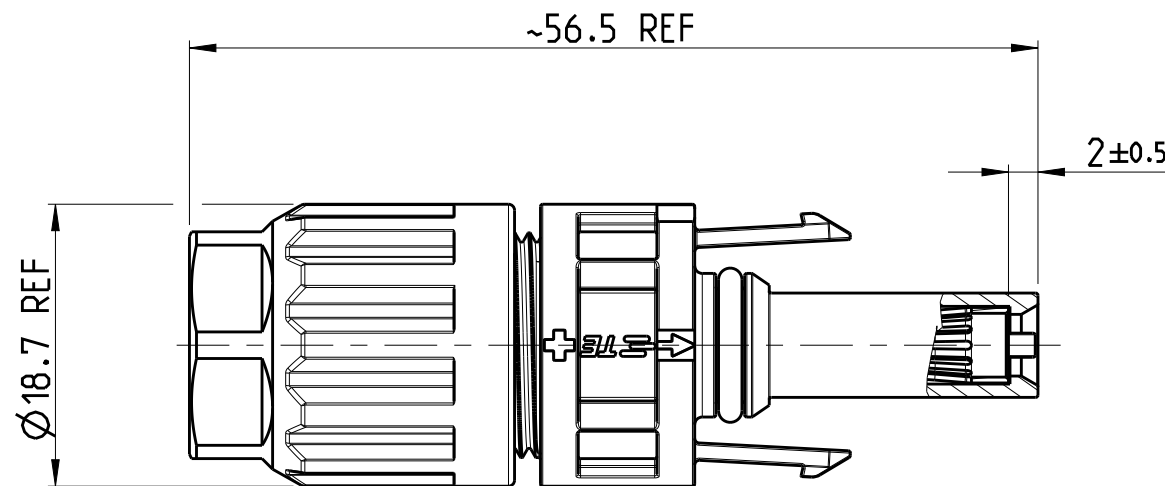
CABLE OD(mm)	TORQUE GAP(mm)
5.5~<=6.0	1.60±0.25
6.0~<=6.5	1.25±0.25
6.5~<=7.0	1.65±0.25



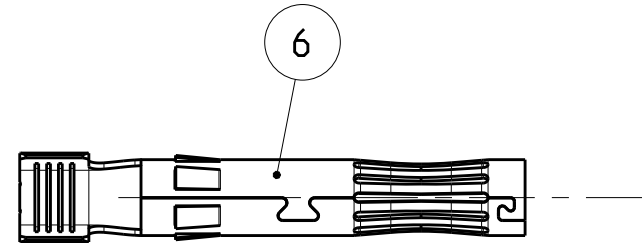
CONNECTOR ASSEMBLY SHOWN EXPLODED VIEW
FOR REFERENCE ONLY



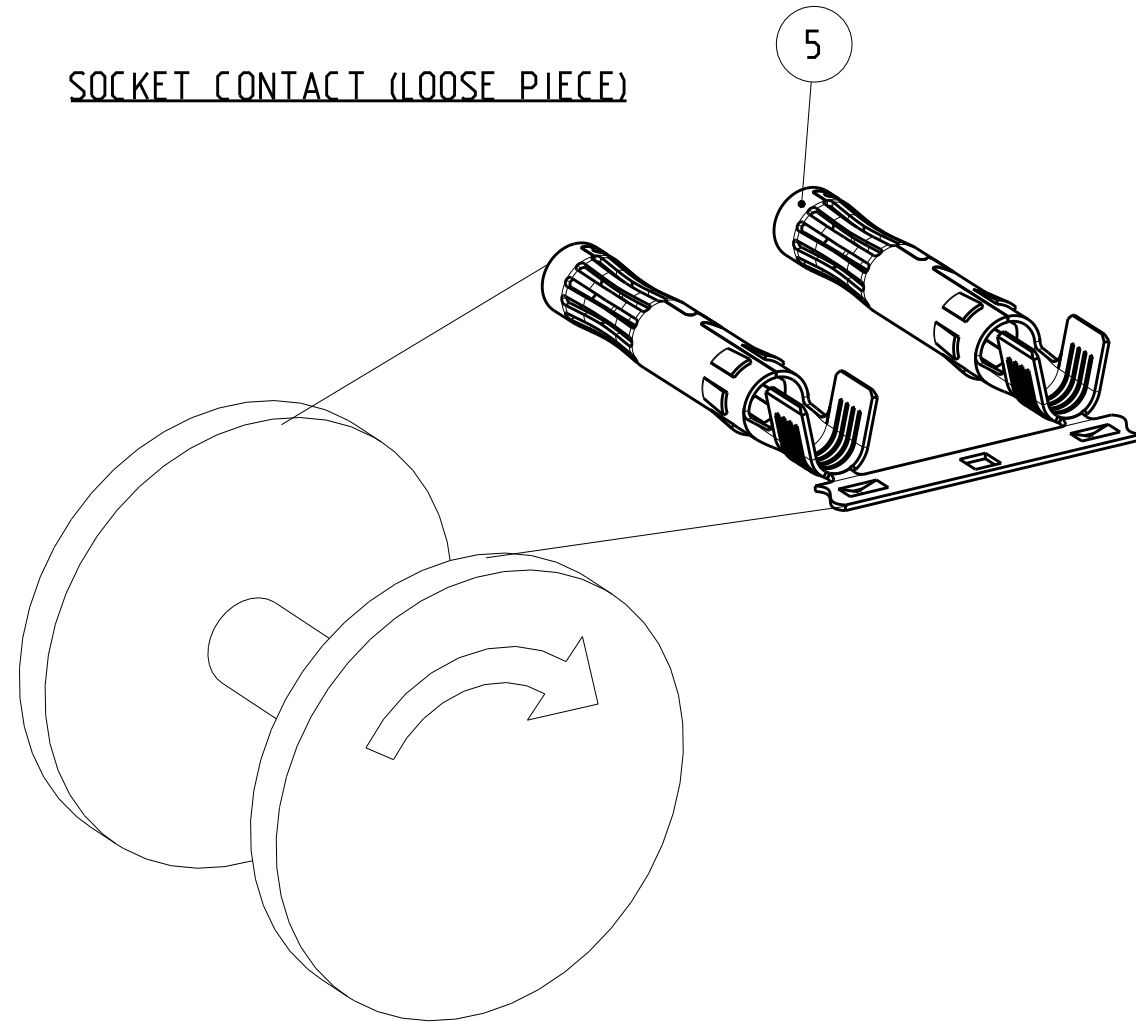
PREASSEMBLED VIEW AS SHOWN



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

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, 4~6mm ² /10~12AWG, LOOSE PIECE	6
-	-	-	-	-	-	1	1	-	-	SOCKET CONTACT, 4~6mm ² /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.		DWN FRANK FAN 11JAN2018	TE Connectivity	
DIMENSIONS: mm		CHK ALEX CHEN 11JAN2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD MING SHI 11JAN2018	NAME SOCKET CONNECTOR KITS (FEMALE) (PV4-B*) SOLARLOK PV4 CONNECTOR	
0 PLC ±		PRODUCT SPEC 108-106078	SIZE A2	
1 PLC ±		APPLICATION SPEC 114-106078	CAGE CODE 00779	
2 PLC ±		WEIGHT -	DRAWING NO C-1971862	
3 PLC ±		Customer Drawing	RESTRICTED TO -	
4 PLC ±			SCALE 2:1	
ANGLES ±			SHEET 1 OF 1	
FINISH			REV B	

Mouser Electronics

Authorized Distributor

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[1971862-4](#)