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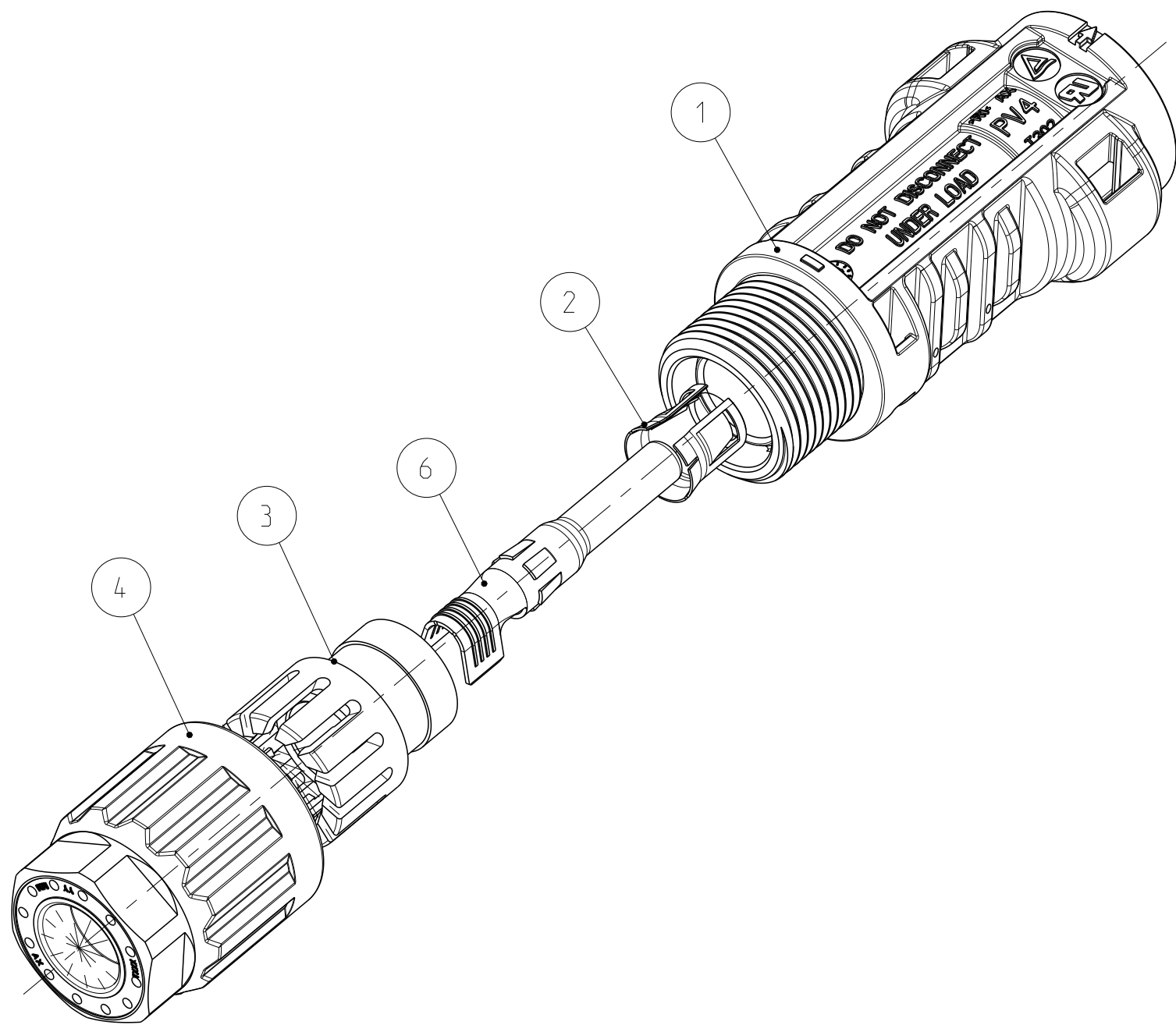
1 SPECIFICATION

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	

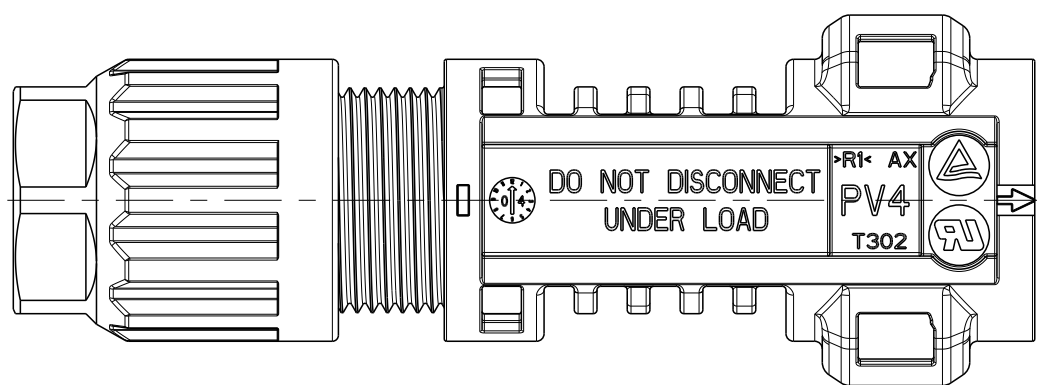
2 CONTACT SHOWN UNINSTALLED, FOR REFERENCE ONLY

3 USE ONLY CRIMP TOOL OF TE CONNECTIVITY TO CRIMP CONTACT.
CRIMP TOOL P/N 4-1579002-2

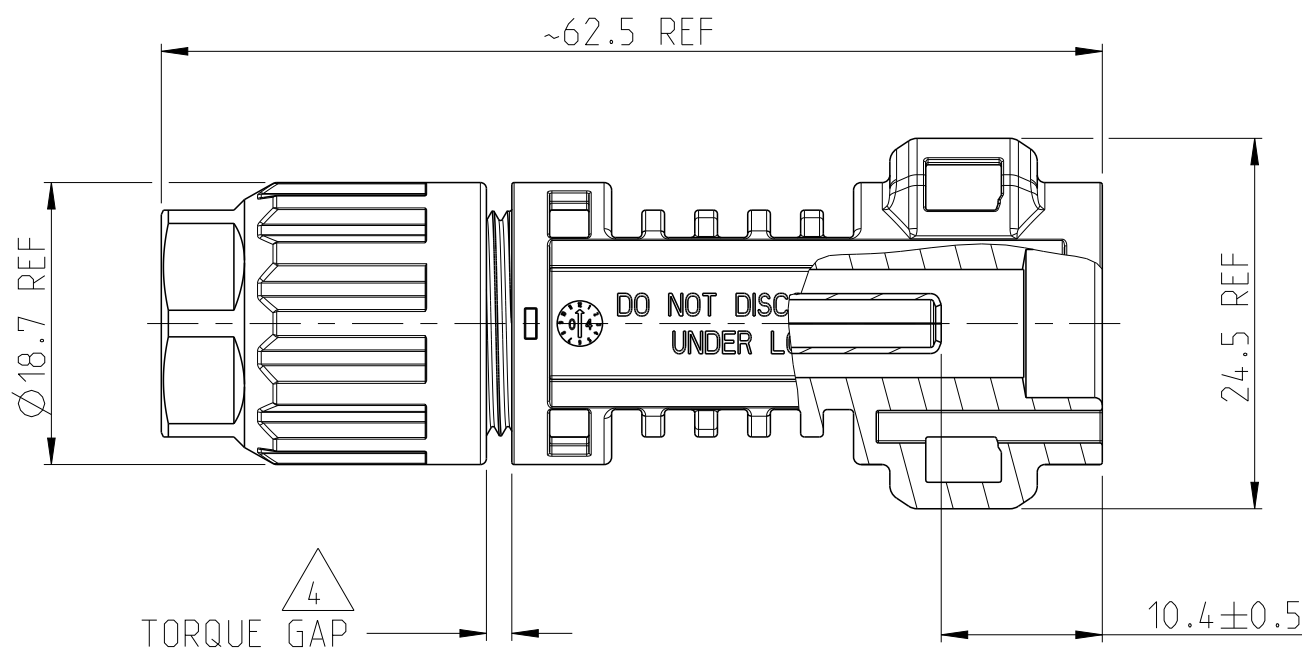
4 THE CABLE SCREW JOINT TORQUE GAP SHOULD BE 1.25mm±0.35 AFTER
THE FINAL ASSEMBLY, FOR THE CONNECTOR WITH CABLE OUTER DIA. 6.35mm
PN 1983821-1 AND CABLE OUTER DIA. 6.40mm PN 1983530-1.



CONNECTOR ASSEMBLY SHOWN EXPLODED VIEW
FOR REFERENCE ONLY

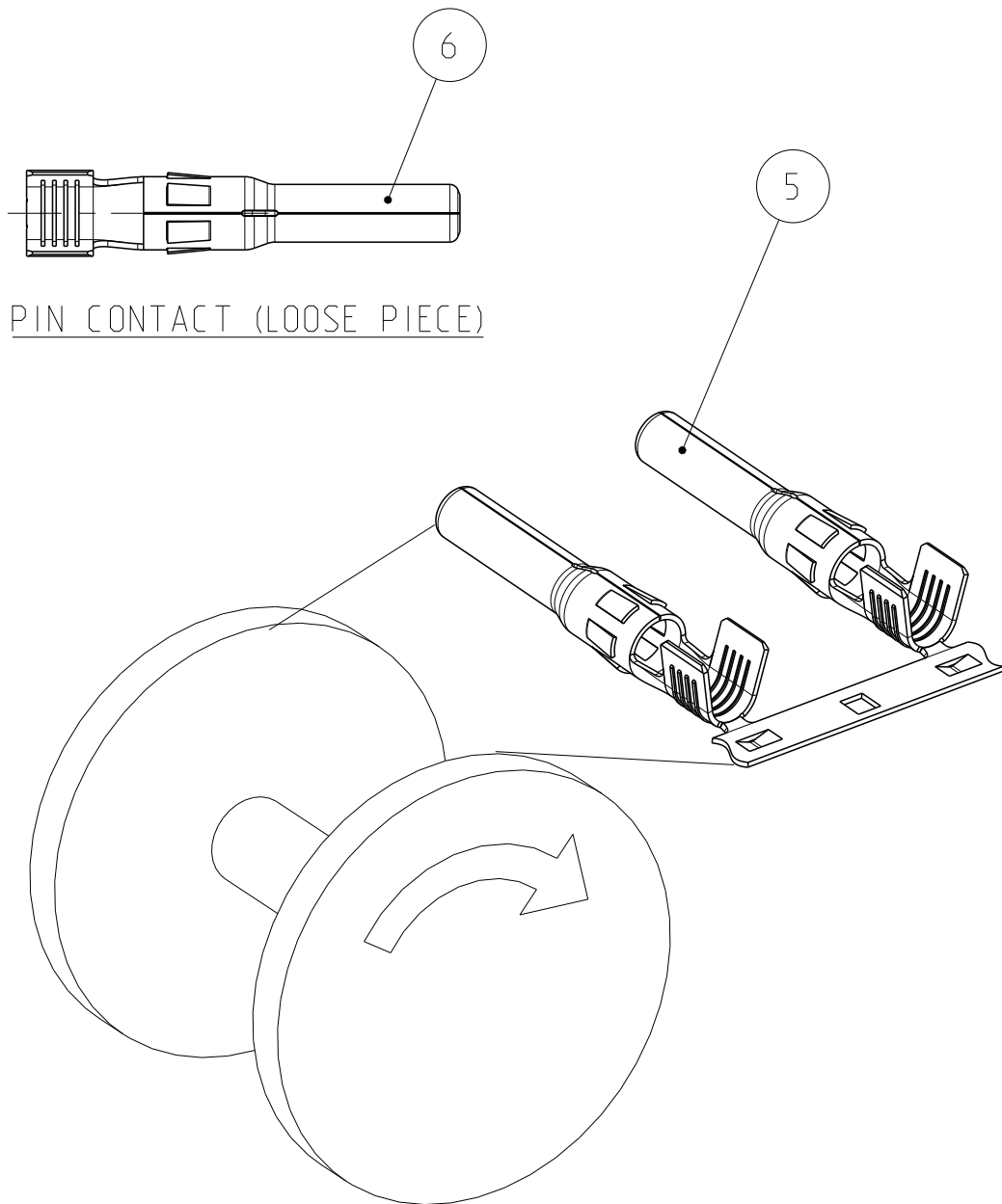


PREASSEMBLED VIEW AS SHOWN



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

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		A4	ECR-14-000266	18MAR2014	LW	PY
			A5	NOTE No.4 IS ADDED	17APR2014	KR	TD
			A6	BOM AND EXPLODED VIEW ARE ADDED	30MAY2014	KR	TD



PIN 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	PIN CONTACT, 4~6mm ² /10~12AWG, LOOSE PIECE	6
	-	-	-	-	-	-	1	1	-	-	PIN 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 PIN CONNECTOR, MINUS CODED	1
	QUANTITY PER ASSEMBLY										DESCRIPTION	ITEM No

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 05APR2012 CHK 08MAR2012 APVD 08MAR2012	TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	NAME PIN CONNECTOR KITS (MALE) (PV4-A*) SOLARLOK PV4 CONNECTOR			
MATERIAL		108-106078 114-106078 WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C-1971861	RESTRICTED TO -
Customer Drawing				SCALE 2:1	SHEET 1 OF 1	REV A6