

7-1394461-0 Product Details

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7-1394461-0

TE Internal Number: 7-1394461-0

 **Active**

 [View 3D PDF](#)

SOLARLOK Connector System

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Keying = Plus
- Insulation Diameter = 4.50 - 6.00 [.177 - .237] mm [in]
- Type of Connector = Cable Coupler
- Male

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [PHOTOVOLTAIK CONNECTOR 1 POS. PHOTOVOLTAIK STECKVERB... \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [AMERICAS_VERSION_SOLARLOK_INSTALLATION_MANUAL_2-1773... \(PDF, English\)](#)
- [CONNECTIVITY_SYSTEMS_FOR_PV_INSTALLERS_3-1773458-6 \(PDF, English\)](#)
- [SOLARLOK_CONNECTIVITY_SYSTEMS_FOR_PV_MANUFACTURERS_3... \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- [Application Specification \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing \(DXF, Version M\)](#)
- [3D Model \(IGES, Version M\)](#)
- [3D Model \(STEP, Version M\)](#)

[List all Documents](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector
- Type of Connector = Cable Coupler
- Gender = Male
- Wire Size (mm² [AWG]) = 4.0² [12]

Dimensions:

- Insulation Diameter (mm [in]) = 4.50 - 6.00 [.177 - .237]

Contact Features:

- Contact Base Material = Copper Zinc
- Contact Finish = Silver Plate

Housing Features:

- Housing Material = PPO
- Housing Color = Black

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- Keying = Plus

Packaging Features:

- Packaging Quantity = 100

Other:

- Brand = TE Connectivity

Corporate Information

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[Investors](#)

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[Documents & Drawings](#)

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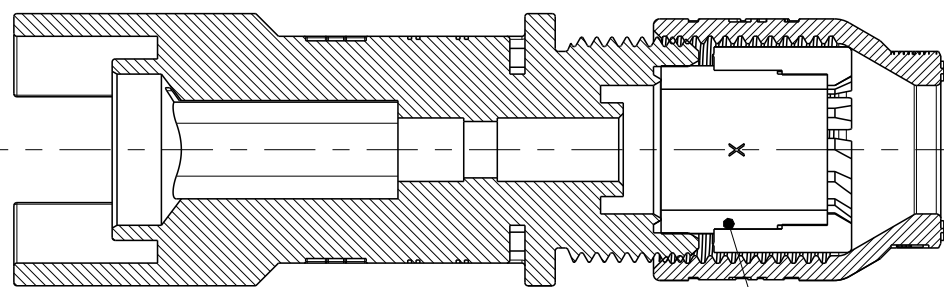
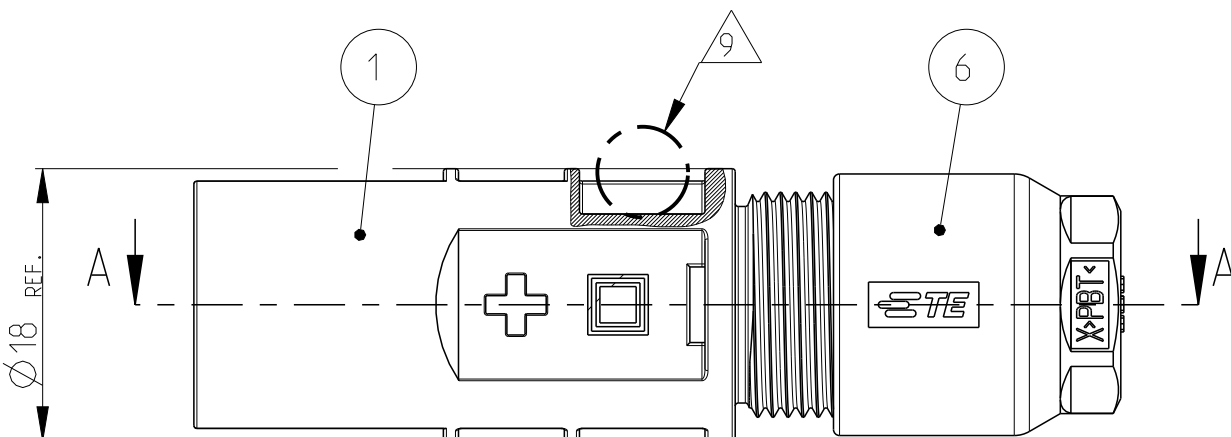
[Manage Your Account](#)

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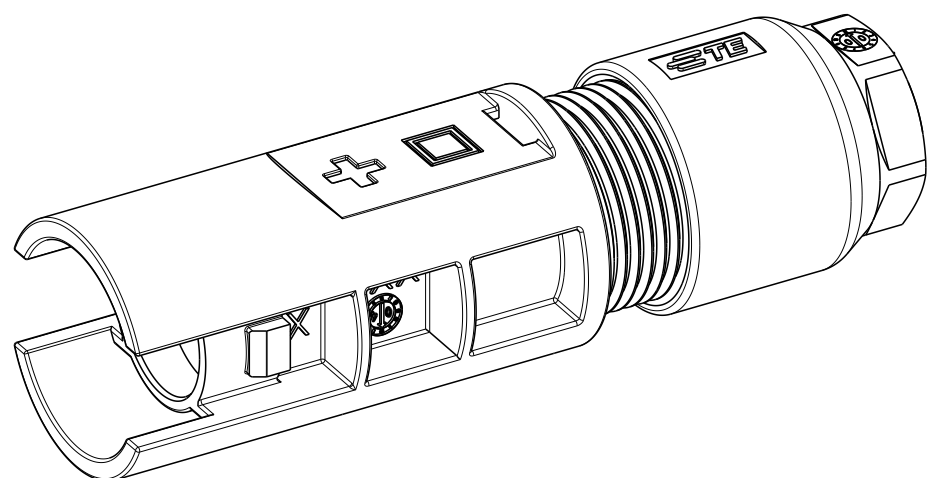
B

A

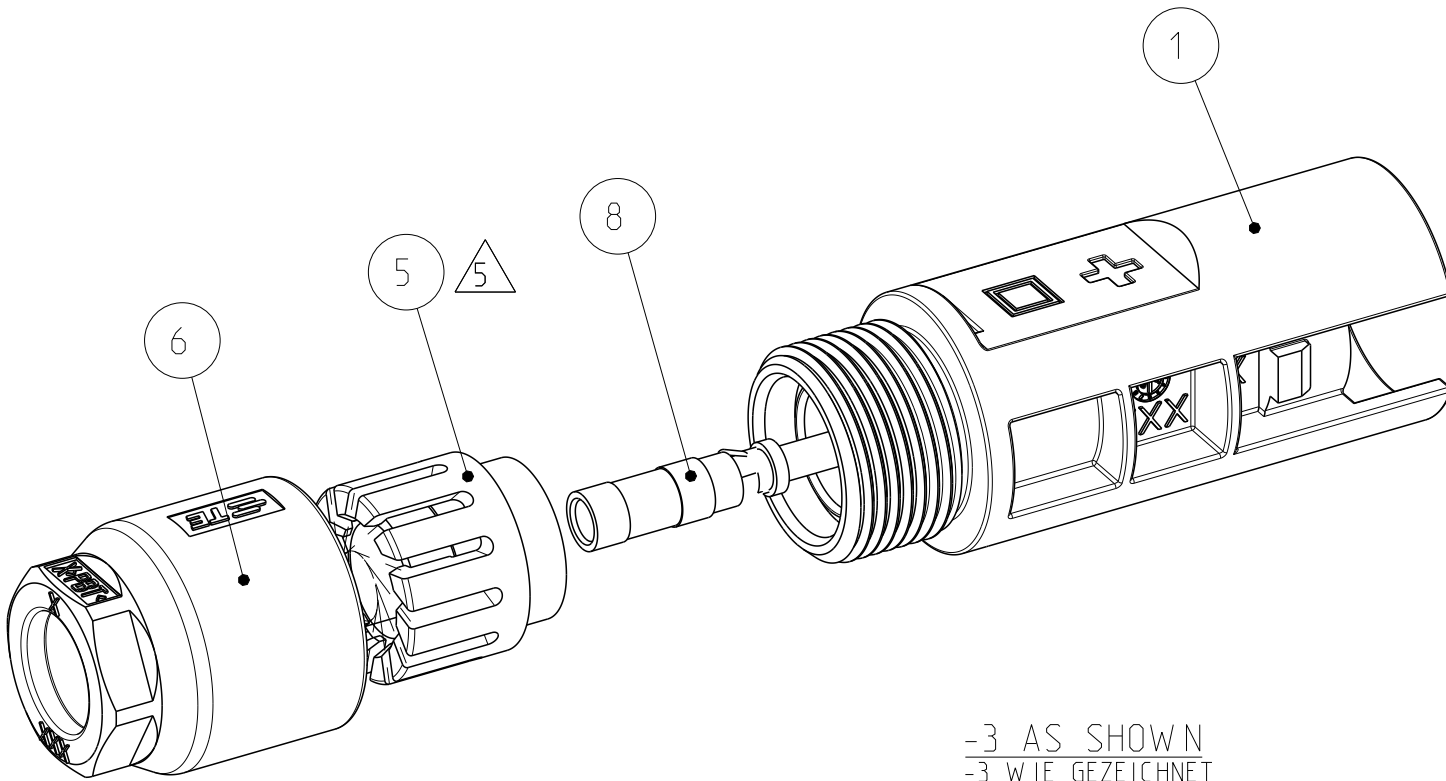


SECTION A-A
SCHNITT A-A

-3 PREASSEMBLED AS SHOWN
-3 VORASSEMBLIERT WIE GEZEICHNET



SCALE 2:1 / M 2:1



-3 AS SHOWN
-3 WIE GEZEICHNET

7-1394461-5														7-1394461-4														7-1394461-3														7-1394461-2														7-1394461-1														7-1394461-0														6-1394461-6														6-1394461-5														6-1394461-4														6-1394461-3														6-1394461-2														6-1394461-1														4-1394461-9														4-1394461-8														4-1394461-7														2-1394461-6														1394461-5														1394461-4														1394461-3														1394461-2														1394461-1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			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4

3

2

1

THIS DRAWING IS UNPUBLISHED
VERTRÄULICHE UNVERÖFFENTLICHTE ZEICHNUNG

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TE Connectivity

RELEASED FOR PUBLICATION
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ALLE INTERNATIONALEN RECHTE VORBEHALTEN.

16-MAR- - 06

MATED WITH:
PASSEND ZU:

1394462

LOC
A1

DIST
-

REVISIONS
ÄNDERUNGEN

DESCRIPTION
BESCHREIBUNG

DATE

DWN

APVD

PROJEKT NR.:
EGLPC00034

-

SEE SHEET 1

-

-

-

P

LTR

1

PACKAGING INSTRUCTION:

100 PIECES PIN HOUSINGS (ITEM NO. 1, 2 OR 3) AND PINCH RING SEAL, ASSY (ITEM NO. 4)
OR PINCH RING SEAL INMOLDED ASSY (ITEM NO. 5) PREASSEMBLED WITH
CABLE SCREW JOINT (ITEM NO. 6).
PREASSEMBLED PARTS PACKAGED IN ESD PLASTIC BAG (ITEM NO. 13).
ESD PLASTIC BAG (ITEM NO. 13) PROVIDED WITH LABEL AND LABEL MARKED WITH
PART NUMBER, QUANTITY AND DESCRIPTION.

2

PIN CONTACT ASSY'S (ITEM NO. 7, 8 OR 9) PACKAGED ACCORDING TO 2.

2

PACKAGING INSTRUCTION:

100 PIECES OF EACH PART PACKAGED IN ZIP LOCK BAG (ITEM NO. 12).
ZIP LOCK BAG (ITEM NO. 12) PROVIDED WITH LABEL AND LABEL MARKED WITH
PART NUMBER, QUANTITY AND DESCRIPTION.

3

PACKAGING UNIT:

ALL COMPONENTS OF EACH DASH-NUMBER PACKAGED ACCORDING TO 1 OR 2
PACKAGED IN CORRUGATED SHIPPING BOX.
PUT INSIDE ON TOP CORRUGATED SHIPPING BOX INSTRUCTION SHEET (ITEM NO. 14).
CORRUGATED SHIPPING BOX PROVIDED WITH LABEL AND LABEL MARKED WITH
PART NUMBER, QUANTITY AND DESCRIPTION.

4

FOR CABLE DIAMETER 4.5mm TO 6.9mm

5

FOR CABLE DIAMETER 5.5mm TO 7.8mm

6

TIGHTENING TORQUE SEE APPLICATION SPECIFICATION 114-18488-1

7

USE ONLY SOLAR CABLE TYPE: OKONITE USE-2

8

LABELS (ITEM NO. 10 AND 11), ZIP LOCK BAG (ITEM NO. 12), ESD PLASTIC BAG (ITEM NO. 13),
AND INSTRUCTION SHEET (ITEM NO. 14) NOT SHOWN

9

IN THIS AREA A MOULD INJECTION POINT UP TO MAXIMUM HEIGHT OF 2mm IS ACCEPTACLE

1

VERPACKUNGSANWEISUNG:

100 STUECK STIFTGEHAEUSE (POS. 1, 2 ODER 3) UND KLEMMKORB DICHTUNG, ASSY (POS. 4)
BZW. KLEMMKORB DICHTUNG UMSPRITZT, ASSY (POS. 5) VORASSEMBLIERT MIT
KABELVERSCHRAUBUNG (POS. 6).
VORASSEMBLIERTE TEILE VERPACKT IN ESD KUNSTSTOFF-BEUTEL (POS. 13).
ESD KUNSTSTOFF-BEUTEL (POS. 13) MIT ETIKETT VERSEHEN UND ETIKETT MIT
TEILENUMMER, STUECKZAHL UND BEZEICHNUNG BESCHRIFTET.

2

STIFTKONTAKT ASSY'S (POS. 7, 8, ODER 9) VERPACKT GEMAESS 2.

2

VERPACKUNGSANWEISUNG:

100 STUECK VON JEDEM TEIL IM MINIGRIP-BEUTEL (POS. 12) VERPACKT.
MINIGRIP-BEUTEL (POS. 12) MIT ETIKETT VERSEHEN UND ETIKETT MIT
TEILENUMMER, STUECKZAHL UND BEZEICHNUNG BESCHRIFTET.

3

VERPACKUNGSEINHEIT:

ALLE KOMPONENTEN EINER STRICHVARIANTE VERPACKT GEMAESS 1 UND 2
IN VERSANDKARTON VERPACKT.
VERSANDKARTON VERARBEITUNGSANWEISUNG (POS. 14) OBENAUF GELEGT.
VERSANDKARTON MIT ETIKETT VERSEHEN UND ETIKETT MIT
TEILENUMMER, STUECKZAHL UND BEZEICHNUNG BESCHRIFTET.

4

FUER LEITUNGSDURCHMESSER 4.5mm BIS 6.9mm

5

FUER LEITUNGSDURCHMESSER 5.5mm BIS 7.8mm

6

ANZUGSDREHMOMENT SIEHE VERARBEITUNGSSPEZIFIKATION 114-18488-1

7

NUR SOLARKABEL TYP: OKONITE USE-2 VERWENDEN

8

ETIKETTEN (POS. 10 UND 11), MINIGRIP-BEUTEL (POS. 12), ESD KUNSTSTOFF-BEUTEL (POS.13)
UND VERARBEITUNGSANWEISUNG (POS. 14) NICHT DARGESTELLT

9

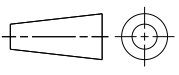
IN DIESEM BEREICH EIN ANSPRITZPUNKT BIS ZU EINER MAXIMALEN HÖHE VON 2mm ZULÄSSIG

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MASSE IN EINHEITEN:
(MM)

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
ALLGEMEIN TOLERANZEN

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES/WINKEL ±
FINISH/OBERFLÄCHE/FARBE



MATERIAL
-

DWN
E. WERNER
25-JAN-02

CHK
H. SCHERER
25-JAN-02

APVD
G. FELDMEIER
25-JAN-02

PRODUCT SPEC
PRODUKTSPEZ.
108-18701

APPLICATION SPEC
VERARBEITUNGSSPEZ.
114-18488-1

WEIGHT
GEWICHT
-

Customer Drawing

TE Connectivity

NAME
PHOTOVOLTAIK CONNECTOR 1 POS.
PHOTOVOLTAIK STECKVERBINDER 1 POL.
-

SIZE
A2

CAGE CODE
00779

DRAWING NO.
ZEICHNUNGS-NR.
©=1394461

RESTRICTED TO
NUR FÜR
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SCALE
MASSSTAB
2:1

SHEET
BLATT
2

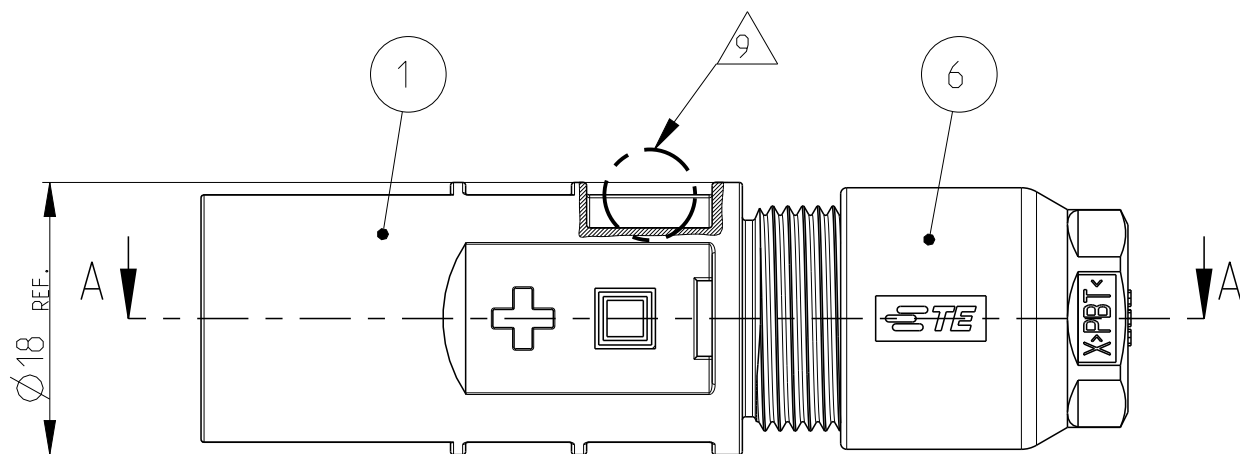
OF
VON
3

REV.
M1

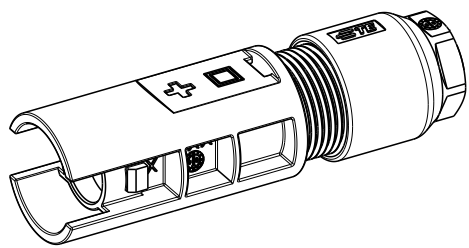
1471-9 (3/11)

LOC	DIST	REVISIONS ÄNDERUNGEN					
		P	LTR	DESCRIPTION BESCHREIBUNG	DATE	DWN	APVD
A1	-						
PROJEKT NR.: EGLPC00034			-	SEE SHEET 1	-	-	-

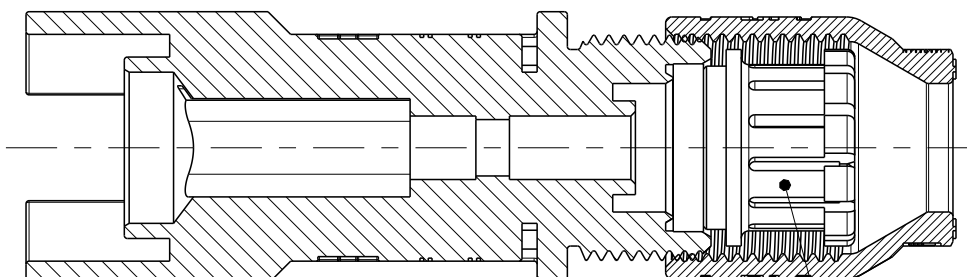
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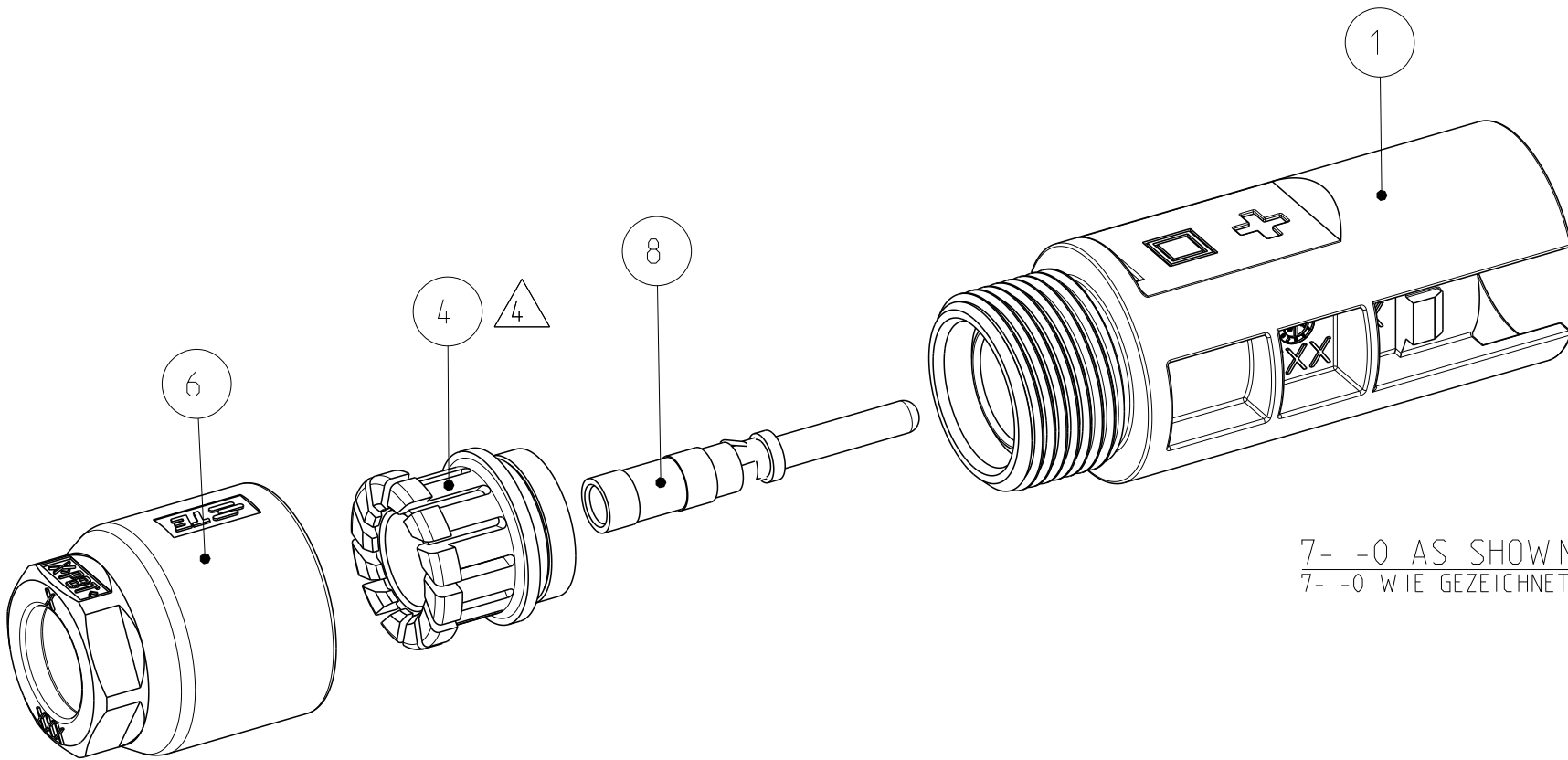
SECTION A-A
SCHNITT A-A



SCALE 1:1 / M 1:1



7- -0 PREASSEMBLED AS SHOWN
7- -0 VORASSEMBLIERT WIE GEZEICHNET



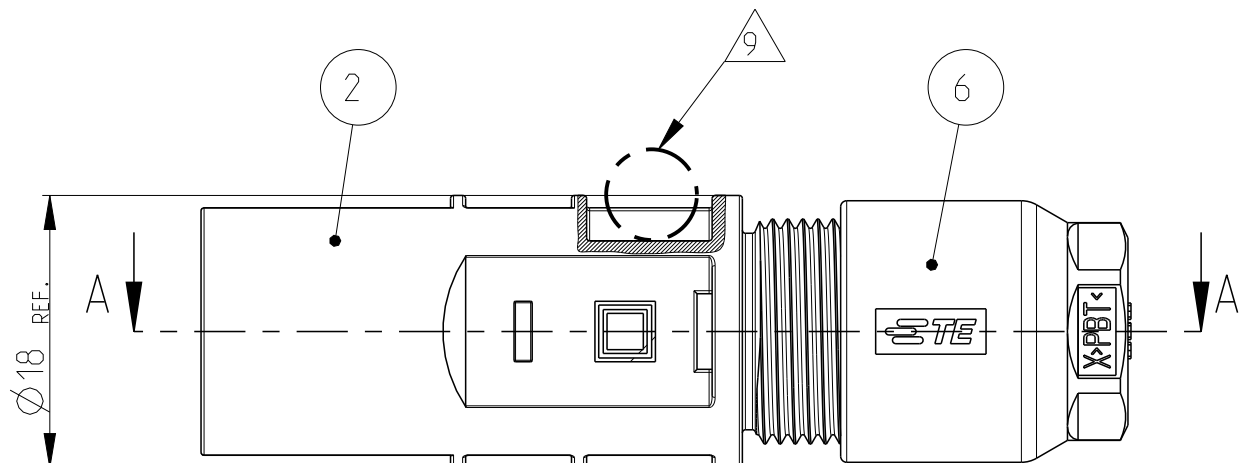
7- -0 AS SHOWN
7- -0 WIE GEZEICHNET

C

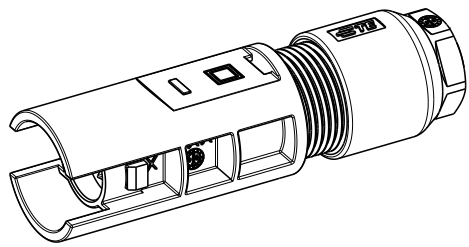
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B

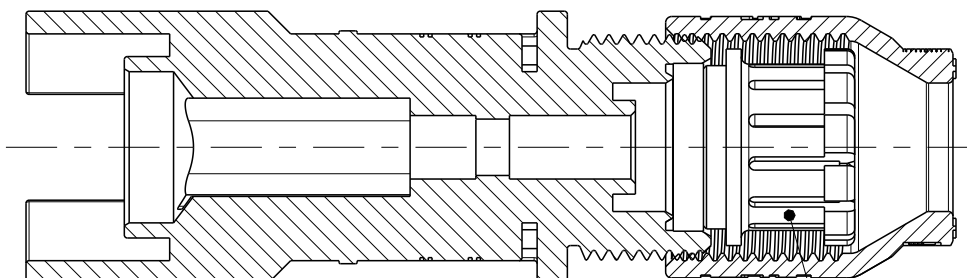
B



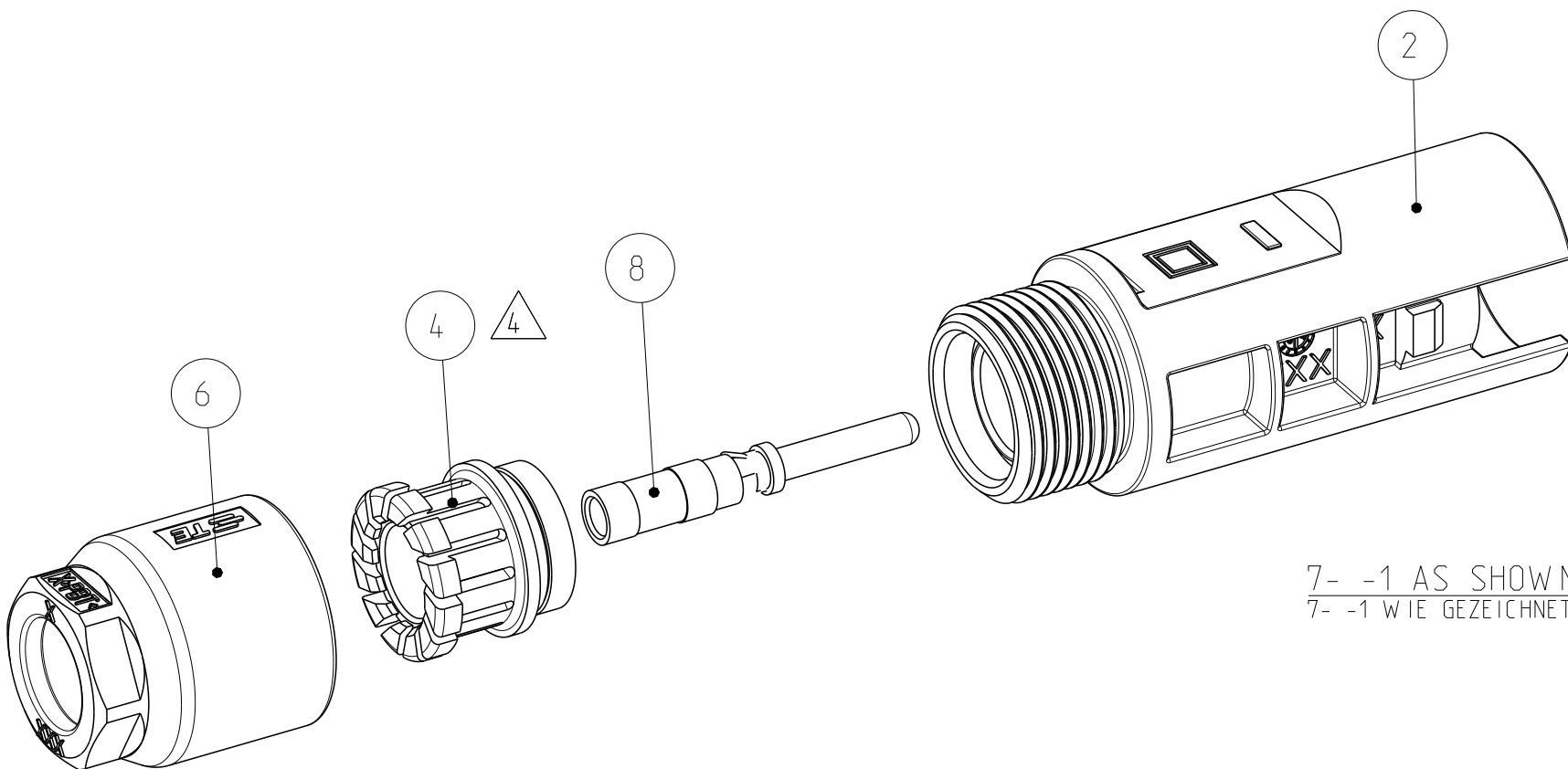
SECTION A-A
SCHNITT A-A



SCALE 1:1 / M 1:1



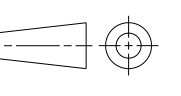
7- -1 PREASSEMBLED AS SHOWN
7- -1 VORASSEMBLIERT WIE GEZEICHNET



7- -1 AS SHOWN
7- -1 WIE GEZEICHNET

A

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. WERNER 25-JAN-02	 TE Connectivity			
DIMENSIONS: MASSEINHEITEN: (MM)		CHK H. SCHERER 25-JAN-02				
		APVD G. FELDMEIER 25-JAN-02	NAME PHOTOVOLTAIK CONNECTOR 1 POS. PHOTOVOLTAIK STECKVERBINDER 1 POL.			
		PRODUCT SPEC 108-18701	SIZE A2			
TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN		APPLICATION SPEC 114-18488-1	CAGE CODE 00779		DRAWING NO. ZEICHNUNGS-NR. C=1394461	RESTRICTED TO NUR FÜR -
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES/WINKEL ± FINISH/OBERFLÄCHE/FARBE		WEIGHT GEWICHT -	SCALE MASSSTAB 2:1		SHEET BLATT 3	OF VON 3
MATERIAL -		Customer Drawing		/KUNDENZEICHNUNG		REV M1