

4-1394462-9 Product Details

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4-1394462-9

TE Internal Number: 4-1394462-9

 Active

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SOLARLOK Connector System

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

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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 \(DXF, Version L\)](#)
- [3D Model \(IGES, Version L\)](#)
- [3D Model \(STEP, Version L\)](#)

[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 = Female
- 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 = Minus

Packaging Features:

- Packaging Quantity = 100

Other:

- Brand = AMP

Corporate Information

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4

3

2

1

THIS DRAWING IS UNPUBLISHED
VERTRAULICHE UNVERÖFFENTLICHTE ZEICHNUNG

RELEASED FOR PUBLICATION
FREI FÜR VERÖFFENTLICHUNG

16-MAR- 2006

MATED WITH:
PASSEND ZU:

1394461

LOC
A I

DIST
-

REVISIONS
ÄNDERUNGEN
DESCRIPTION
BESCHREIBUNG

DATE

DWN

APVD

PROJECT NR.:
EGLPC00034

-

SEE SHEET 1

-

-

-

1

PACKAGING INSTRUCTION:

100 PIECES SOCKET HOUSINGS (ITEM NO. 1 OR 2) AND PINCH RING SEAL, ASSY (ITEM NO. 3)
OR PINCH RING SEAL INMOLDED ASSY (ITEM NO. 4) PREASSEMBLED WITH
CABLE SCREW JOINT (ITEM NO. 5).
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.

SOCKET CONTACT ASSY'S (ITEM NO. 6, 7 OR 8) 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 AND 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

O-RINGS (ITEM NO. 9 OR 10) ASSEMBLED ON SOCKET HOUSING (ITEM NO. 1 OR 2)

5

FOR CABLE DIAMETER 4.5mm TO 6.9mm

6

FOR CABLE DIAMETER 5.5mm TO 7.8mm

7

TIGHTENING TORQUE SEE APPLICATION SPECIFICATION 114-18488-1

8

USE ONLY SOLAR CABLE TYPE: OKONITE USE-2

9

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

1

VERPACKUNGSANWEISUNG:

100 STÜCK BUCHSENGEHÄUSE (POS. 1 ODER 2) UND KLEMMKORB DICHTUNG, ASSY (POS. 3)
BZW. KLEMMKORB DICHTUNG UMSPRITZT, ASSY (POS. 4) VORASSEMBLIERT MIT
KABELVERSCHRAUBUNG (POS. 5).
VORASSEMBLIERTE TEILE VERPACKT IN ESD KUNSTSTOFF-BEUTEL (POS. 13).
ESD KUNSTSTOFF-BEUTEL (ITEM NO. 13) MIT ETIKETT VERSEHEN UND ETIKETT MIT
TEILENUMMER, STÜCKZAHL UND BEZEICHNUNG BESCHRIFTET.

BUCHSENKONTAKT ASSY'S (POS. 6, 7, ODER 8) VERPACKT GEMÄSS 2 .

2

VERPACKUNGSANWEISUNG:

100 STÜCK VON JEDEM TEIL IM MINIGRIP-BEUTEL (POS. 12) VERPACKT.
MINIGRIP-BEUTEL (ITEM NO. 12) MIT ETIKETT VERSEHEN UND ETIKETT MIT
TEILENUMMER, STÜCKZAHL UND BEZEICHNUNG BESCHRIFTET.

3

VERPACKUNGSEINHEIT:

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

4

O-RINGE (POS. 9 ODER 10) AUF BUCHSENSTECKER (POS. 1 ODER 2) MONTIERT

5

FÜR LEITUNGSDURCHMESSER 4.5mm BIS 6.9mm

6

FÜR LEITUNGSDURCHMESSER 5.5mm BIS 7.8mm

7

ANZUGSDREHMOMENT SIEHE VERARBEITUNGSSPEZIFIKATION 114-18488-1

8

NUR SOLARKABEL TYP: OKONITE USE-2 VERWENDEN

9

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
E. WERNER
CHK
H. SCHERER
APVD
G. FELDMEIER

25-JAN-02
25-JAN-02
25-JAN-02

DIMENSIONS:
MASSEINHEITEN:
(MM)

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
ALLGEMEINTOLERANZEN

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

PRODUCT SPEC
PRODUKTSPEZ.
108-18701

APPLICATION SPEC
VERARBEITUNGSSPEZ.
114-18488-1

WEIGHT
GEWICHT
-

Customer Drawing

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

SIZE
A2

CAGE CODE
00779

DRAWING NO.
ZEICHNUNGS-NR.
1394462

RESTRICTED TO
NUR FÜR
-

SCALE
MASSSTAB
2:1

SHEET
BLATT
2

OF
VON
3

REV.
M1

1471-9 (3/11)

D

C

B

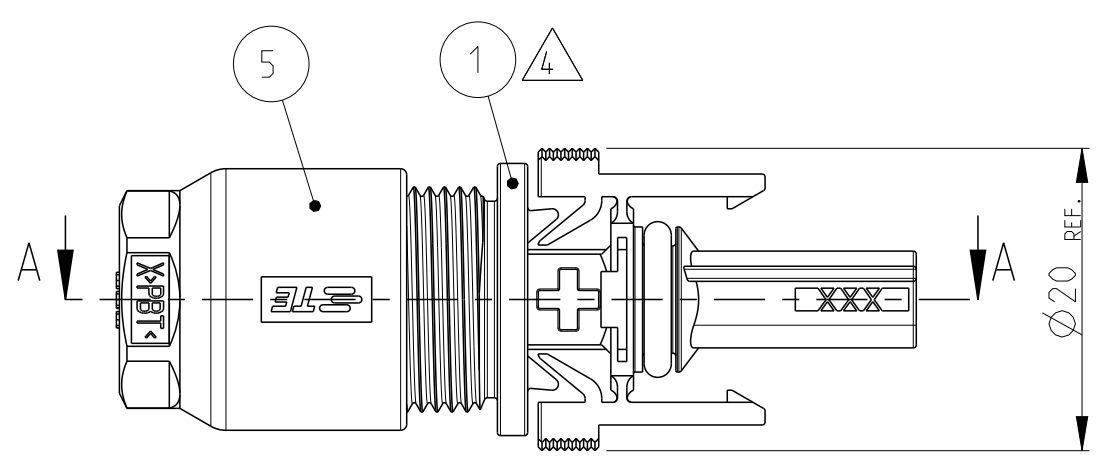
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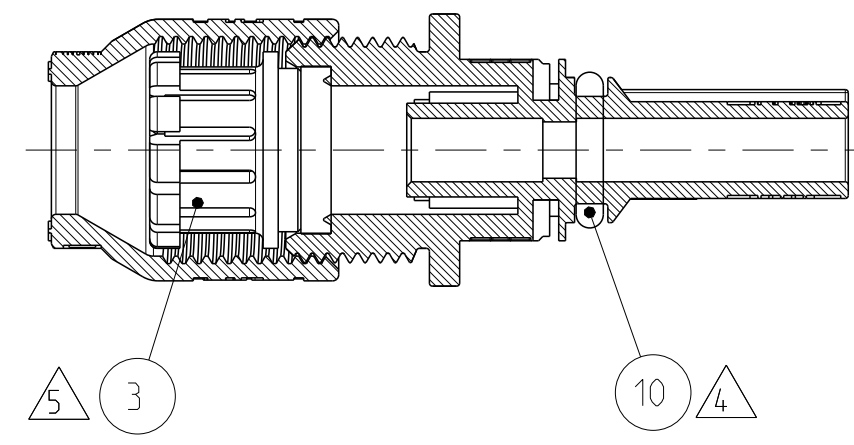
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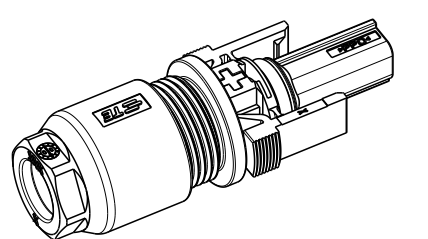
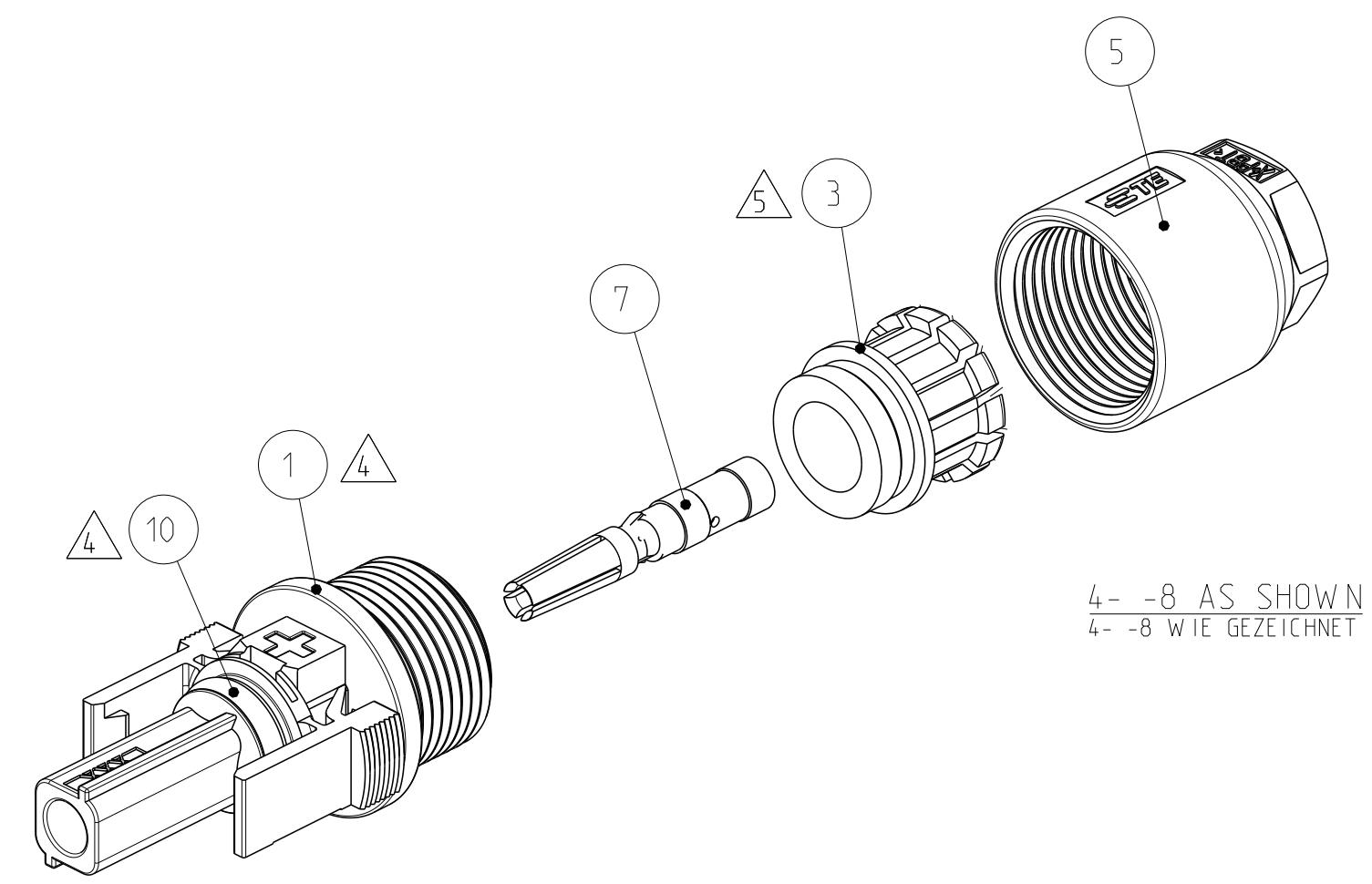
A



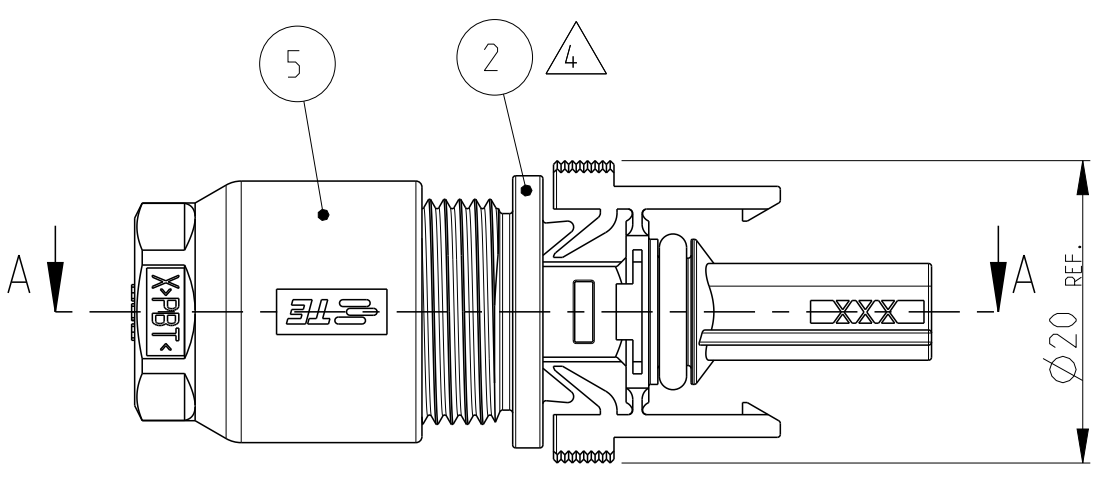
SECTION A-A
SCHNITT A-A



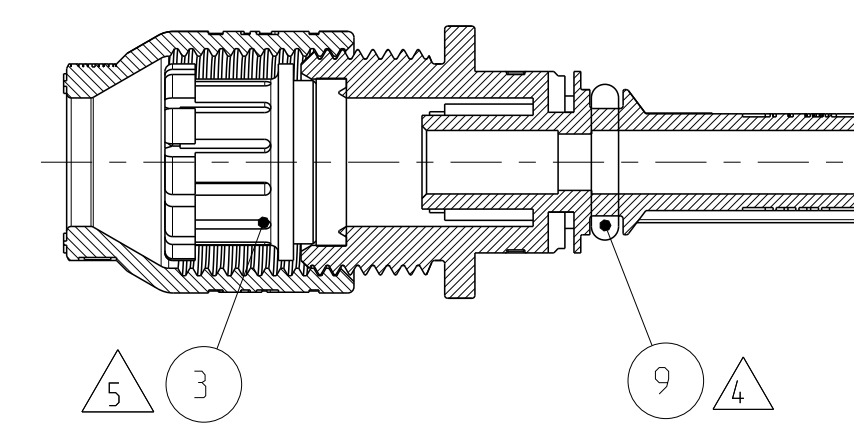
4- -8 PREASSEMBLED AS SHOWN
4- -8 VORASSEMBLIERT WIE GEZEICHNET



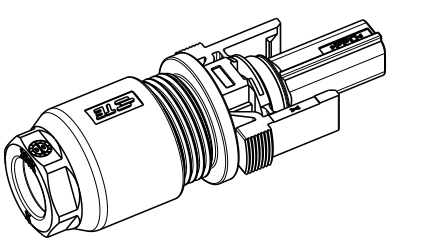
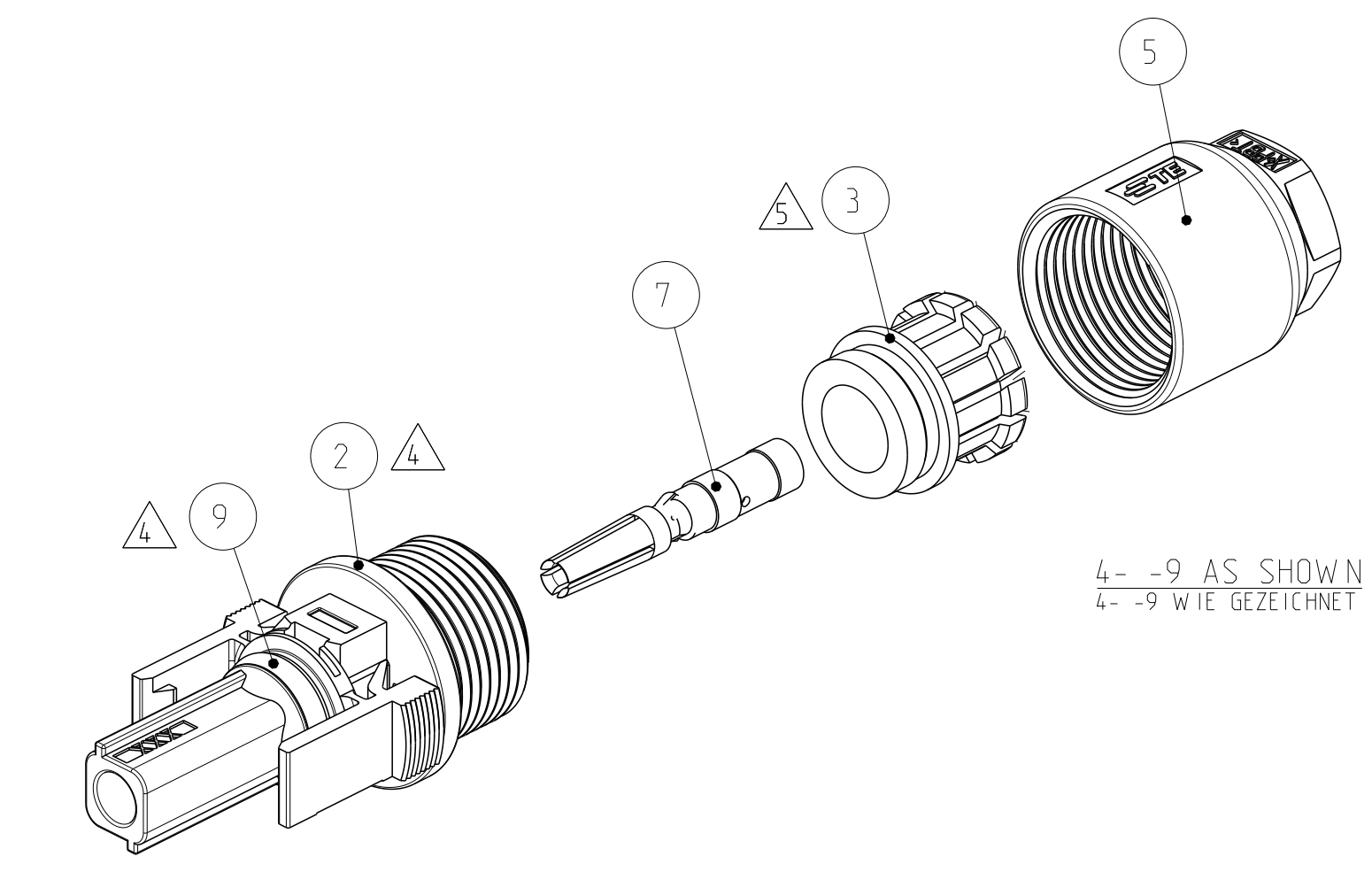
SCALE 1:1 / M 1:1



SECTION A-A
SCHNITT A-A



4- -9 PREASSEMBLED AS SHOWN
4- -9 VORASSEMBLIERT WIE GEZEICHNET



SCALE 1:1 / M 1:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN F. WERNER 25-JAN-02	TE TE Connectivity PHOTOVOLTAIK CONNECTOR 1 POS. PHOTOVOLTAIK STECKVERBINDER 1 POL. -										
DIMENSIONS: MASSEINHEITEN: mm		CHK H. SCHERER 25-JAN-02											
	TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN		APVD G. FELDMEIER 25-JAN-02	NAME									
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES/WINKEL ±		PRODUCT SPEC PRODUKTSPEZ. 108-18701										
	MATERIAL		FINISH/OBERFLÄCHE/FARBE	APPLICATION SPEC VERARBEITUNGSSPEZ. 114-18488-1	SIZE	CAGE CODE	DRAWING NO ZEICHNUNGS-NR.	RESTRICTED TO NUR FÜR					
	-	-	WEIGHT GEWICHT	-	A2	00779	C-1394462	-					
Customer Drawing			/KUNDENZEICHNUNG			SCALE MASSSTAB	2:1	SHEET BLATT	3	OF VON	3	REV	M1