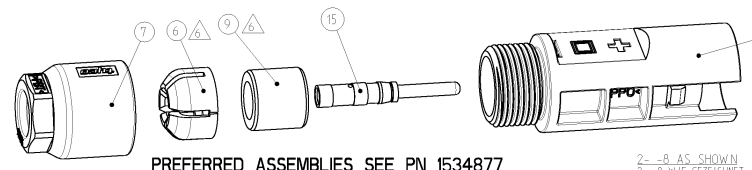


-3 PREFASSEMBLED AS SHOWN
-3 VORASSEMBLIERT WIE GEZEICHNET



PREFERRED ASSEMBLIES SEE PN 1534877
BEVORZUGTE ASSEMBLIES SIEHE PN 1534877

2-8 AS SHOWN
2-8 WIE GEZEICHNET

| REV. NO. | DATE | BY | CHKD. | DESCRIPTION |
|----------|-----------|----|-------|-------------|
| 1 | 25-JAN-02 | AW | GF | REVISIONS |
| 2 | 25-JAN-02 | AW | GF | REVISIONS |
| 3 | 25-JAN-02 | AW | GF | REVISIONS |
| 4 | 25-JAN-02 | AW | GF | REVISIONS |
| 5 | 25-JAN-02 | AW | GF | REVISIONS |
| 6 | 25-JAN-02 | AW | GF | REVISIONS |
| 7 | 25-JAN-02 | AW | GF | REVISIONS |
| 8 | 25-JAN-02 | AW | GF | REVISIONS |
| 9 | 25-JAN-02 | AW | GF | REVISIONS |
| 10 | 25-JAN-02 | AW | GF | REVISIONS |
| 11 | 25-JAN-02 | AW | GF | REVISIONS |
| 12 | 25-JAN-02 | AW | GF | REVISIONS |
| 13 | 25-JAN-02 | AW | GF | REVISIONS |
| 14 | 25-JAN-02 | AW | GF | REVISIONS |
| 15 | 25-JAN-02 | AW | GF | REVISIONS |
| 16 | 25-JAN-02 | AW | GF | REVISIONS |
| 17 | 25-JAN-02 | AW | GF | REVISIONS |
| 18 | 25-JAN-02 | AW | GF | REVISIONS |
| 19 | 25-JAN-02 | AW | GF | REVISIONS |
| 20 | 25-JAN-02 | AW | GF | REVISIONS |
| 21 | 25-JAN-02 | AW | GF | REVISIONS |
| 22 | 25-JAN-02 | AW | GF | REVISIONS |
| 23 | 25-JAN-02 | AW | GF | REVISIONS |

| ITEM NO. | DESCRIPTION | QTY | UNIT | REMARKS |
|----------|---------------------|-----|------|---------|
| 1 | PIN RING SEAL, ASSY | 1 | EA | |
| 2 | INSULATION SHEET | 1 | EA | |
| 3 | MINI-PCB | 1 | EA | |
| 4 | MINI-PCB | 1 | EA | |
| 5 | MINI-PCB | 1 | EA | |
| 6 | MINI-PCB | 1 | EA | |
| 7 | MINI-PCB | 1 | EA | |
| 8 | MINI-PCB | 1 | EA | |
| 9 | MINI-PCB | 1 | EA | |
| 10 | MINI-PCB | 1 | EA | |
| 11 | MINI-PCB | 1 | EA | |
| 12 | MINI-PCB | 1 | EA | |
| 13 | MINI-PCB | 1 | EA | |
| 14 | MINI-PCB | 1 | EA | |
| 15 | MINI-PCB | 1 | EA | |
| 16 | MINI-PCB | 1 | EA | |
| 17 | MINI-PCB | 1 | EA | |
| 18 | MINI-PCB | 1 | EA | |
| 19 | MINI-PCB | 1 | EA | |
| 20 | MINI-PCB | 1 | EA | |
| 21 | MINI-PCB | 1 | EA | |
| 22 | MINI-PCB | 1 | EA | |
| 23 | MINI-PCB | 1 | EA | |

TYCO ORDER-NO. BESTELL-NR.

| ITEM NO. | DESCRIPTION | QTY | UNIT | REMARKS |
|----------|---------------------|-----|------|---------|
| 1 | PIN RING SEAL, ASSY | 1 | EA | |
| 2 | INSULATION SHEET | 1 | EA | |
| 3 | MINI-PCB | 1 | EA | |
| 4 | MINI-PCB | 1 | EA | |
| 5 | MINI-PCB | 1 | EA | |
| 6 | MINI-PCB | 1 | EA | |
| 7 | MINI-PCB | 1 | EA | |
| 8 | MINI-PCB | 1 | EA | |
| 9 | MINI-PCB | 1 | EA | |
| 10 | MINI-PCB | 1 | EA | |
| 11 | MINI-PCB | 1 | EA | |
| 12 | MINI-PCB | 1 | EA | |
| 13 | MINI-PCB | 1 | EA | |
| 14 | MINI-PCB | 1 | EA | |
| 15 | MINI-PCB | 1 | EA | |
| 16 | MINI-PCB | 1 | EA | |
| 17 | MINI-PCB | 1 | EA | |
| 18 | MINI-PCB | 1 | EA | |
| 19 | MINI-PCB | 1 | EA | |
| 20 | MINI-PCB | 1 | EA | |
| 21 | MINI-PCB | 1 | EA | |
| 22 | MINI-PCB | 1 | EA | |
| 23 | MINI-PCB | 1 | EA | |

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> | <p>DATE: 25-JAN-02</p> <p>BY: AW</p> <p>CHKD: GF</p> <p>REV: 1</p> |
|--|--|--|--|--|--|--|--|--|--|--|--|

4

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DATE WITH
 PART NO. 21
 109443

| REV. NO. | DATE | BY | DESCRIPTION | DATE | BY | APPROV. |
|----------|------|----|-------------|------|----|---------|
| A1 | - | - | SEE SHEET 1 | - | - | - |

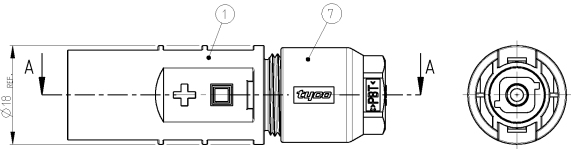
- △ **PACKAGING INSTRUCTION:** 100 PIECES OF EACH PART PACKAGED IN MINIGRIP BAG (ITEM NO. 19).
MINIGRIP BAG (ITEM NO. 19) PROVIDED WITH LABEL AND LABEL MARKED WITH PART NUMBER, QUANTITY AND DESCRIPTION.
- △ **PACKAGING INSTRUCTION:** 100 PIECES OF EACH PART PACKAGED IN PLASTIC BAG (ITEM NO. 20).
PLASTIC BAG (ITEM NO. 20) PROVIDED WITH LABEL AND LABEL MARKED WITH PART NUMBER, QUANTITY AND DESCRIPTION.
- △ **PACKAGING UNIT:** ALL COMPONENTS OF EACH DASH-NUMBER PACKAGED ACCORDING TO △ OR △ PACKAGED IN CORRUGATED SHIPPING BOX.
PUT INSIDE ON TOP CORRUGATED SHIPPING BOX INSTRUCTION SHEET (ITEM NO. 22).
- △ **USE ONLY SOLAR CABLE TYPE:** OKONITE USE-2
- △ **MINIGRIP BAGS (ITEM NO. 19 AND ITEM NO. 21), PLASTIC BAG (ITEM NO. 20), LABELS (ITEM NO. 17 AND 18) AND INSTRUCTION SHEET (ITEM NO. 22) NOT SHOWN**
- △ **SEAL (ITEM NO. 8 TO 12) AND PINCH RING (ITEM NO. 5 AND 6) ACCORDING TO CABLE DIAMETER.**
SEE APPLICATION SPECIFICATION 114-18488.

- △ **PIN HOUSING (ITEM NO. 1, 2 OR 4) AND PINCH RING SEAL, ASSY (ITEM NO. 23) PREASSEMBLED WITH CABLE SCREW JOINT (ITEM NO. 7).**
PREASSEMBLED PARTS PACKAGED IN PLASTIC BAG (ITEM NO. 20).
PIN CONTACT ASSY'S (ITEM NO. 13, 14, 15 OR 16) PACKAGED ACCORDING TO △ .
ALL COMPONENTS PACKAGED IN CORRUGATED SHIPPING BOX.
PUT INSIDE ON TOP CORRUGATED SHIPPING BOX INSTRUCTION SHEET (ITEM NO. 22).
- △ **FOR CABLE DIAMETER 4.5mm TO 6.9mm**

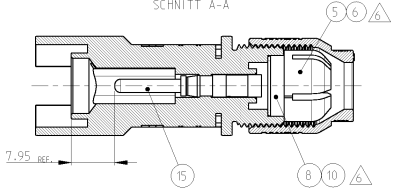
- △ **VERPACKUNGSANWEISUNG:** 100 STÜCK VON JEDEM TEIL IM MINIGRIP-BEUTEL (POS. 19) VERPACKT.
MINIGRIP-BEUTEL (POS. 19) MIT ETIKETT VERSEHEN UND ETIKETT MIT TEILNUMMER, STÜCKZAHL UND BEZEICHNUNG BESCHRIFTET.
- △ **VERPACKUNGSANWEISUNG:** 100 STÜCK VON JEDEM TEIL IM KUNSTSTOFF-BEUTEL (POS. 20) VERPACKT.
KUNSTSTOFF-BEUTEL (POS. 20) MIT ETIKETT VERSEHEN UND ETIKETT MIT TEILNUMMER, STÜCKZAHL UND BEZEICHNUNG BESCHRIFTET.
- △ **VERPACKUNGSEINHEIT:** ALLE KOMponentEN EINER STRICHVARIANTE VERPACKT GEMÄSS △ BZW. △ IM VERSANDKARTON VERPACKT.
VERSANDKARTON VERARBEITUNGSANWEISUNG (POS. 22) OBENAUF BEIGELEGT.
- △ **NUR SOLARKABEL TYP: OKONITE USE-2 VERWENDEN**
- △ **MINIGRIP-BEUTEL (POS. 19 UND POS. 21), KUNSTSTOFF-BEUTEL (POS. 20), ETIKETTEN (POS. 17 UND 18) UND VERARBEITUNGSANWEISUNG (POS. 22) NICHT DARGESTELLT**
- △ **DICHTUNG (POS. 8 BIS 12) UND KLEMMKORB (POS. 5 UND 6) ENTSPRECHEND DEM LEITUNGSDURCHMESSER.**
SIEHE VERARBEITUNGSSPEZIFIKATION 114-18488.

- △ **STIFTGEHÄUSE (POS. 1, 2 ODER 4) UND KLEMMKORB DICHTUNG, ASSY (POS. 23) VORASSEMBLIERT MIT KABELVERSCHRAUBUNG (POS. 7).**
VORASSEMBLIERTE TEILE VERPACKT IN KUNSTSTOFF-BEUTEL (POS. 20).
STIFTKONTAKT ASSY'S (POS. 13, 14, 15 ODER 16) VERPACKT GEMÄSS △ .
ALLE KOMponentEN IN VERSANDKARTON VERPACKT.
VERSANDKARTON VERARBEITUNGSANWEISUNG (POS. 22) OBENAUF BEIGELEGT.
- △ **FÜR LEITUNGSDURCHMESSER 4.5mm BIS 6.9mm**

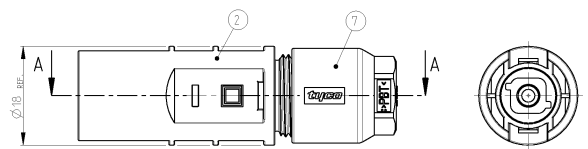
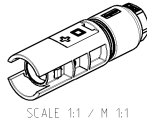
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|---|--|--------------------------------------|--|
| DISTRIBUENT'S CONTROL NUMBER FOR IDENTIFICATION PURPOSES ONLY DATE OF PUBLICATION AND DATE OF REVISIONS APPROVED FOR PUBLICATION BY THE COMPANY | | DWN E. WERNER 14-MAR-06 | tyco Electronics tyco Electronics AMP GmbH D - 64425 Bensheim |
| DRAWING TITLE: PHOTOVOLTAIK STECKVERBINDER | DESIGNED BY: G. FEINDLHOFER | CEN 14-MAR-06 | PHOTOVOLTAIK CONNECTOR 1 POS. PHOTOVOLTAIK STECKVERBINDER 1 POL. |
| CHECKED BY: G. FEINDLHOFER | APPROVED BY: G. FEINDLHOFER | DATE: 14-MAR-06 | |
| MATERIAL: | APPLICATION SPECIFICATION: PHOTOVOLTAIK STECKVERBINDER 114-18488 | SHEET: A2 | CASE CODE: 100-18701 DRAWING NO. 114-18488 |
| SCALE: 1:1 | CUSTOMER DRAWING | SCALE: 1:1 | DISTRIBUTED TO: NEW PERS. |



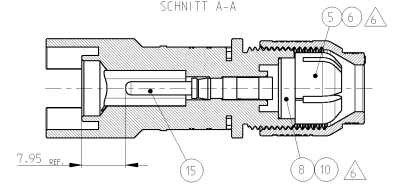
SECTION A-A
 SCHNITT A-A



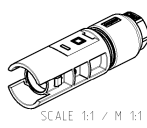
4- -9 AS SHOWN
 4- -9 WIE GEZEICHNET



SECTION A-A
 SCHNITT A-A



4- -9 AS SHOWN
 4- -9 WIE GEZEICHNET



- △ **PACKAGING INSTRUCTION:** NOT ASSEMBLED PARTS PACKAGED IN MINIGRIP BAG (ITEM NO. 21) ACCORDING TO PARTS LIST.
 EACH MINIGRIP BAG ALL COMPONENTS FOR ONE PHOTOVOLTAIK CONNECTOR.
- △ **PACKAGING UNIT:** 100 SINGLE PACKAGED PHOTOVOLTAIK CONNECTORS ACCORDING TO △ PACKAGED IN CORRUGATED SHIPPING BOX.
 PUT INSIDE ON TOP CORRUGATED SHIPPING BOX INSTRUCTION SHEET (ITEM NO. 22).
- △ **MINIMUM ORDER QUANTITY:** 100 PIECES
- △ **ASSEMBLY INSTRUCTION:**
 - 1.) CRIMP CONTACT WITH HANDTOOL PN 1-1105851-B PER AMP-SPEC. 114-74013
 - 2.) INSERT SEAL IN CONNECTOR UP TO DOG
 - 3.) PUSH CABLE SCREW JOINT AND PINCH RING ON WIRE
 - 4.) INSERT CONTACT WITH WIRE IN PIN HOUSING
 - 5.) PUSH PINCH RING ON SEAL
 - 6.) SCREW CABLE SCREW JOINT ON HOUSING
- △ **TIGHTENING TORQUE** SEE APPLICATION SPEC. 114-18488
- △ **VERPACKUNGSANWEISUNG:** NICHT MONTIERTE TEILE GEMÄSS STÜCKLISTE IN MINIGRIP-BEUTEL (POS. 21) VERPACKT.
 ALLE KOMPONENTEN FÜR EINEN PHOTOVOLTAIK STECKVERBINDER PRO MINIGRIP-BEUTEL.
- △ **VERPACKUNGSEINHEIT:** 100 EINZEL VERPACKTE PHOTOVOLTAIK STECKVERBINDER GEMÄSS △ IM VERSANDKARTON VERPACKT.
 VERSANDKARTON VERARBEITUNGSANWEISUNG (POS. 22) OBENAUF BEIGELEGT.
- △ **MINDESTBESTELLMENGE:** 100 STÜCK
- △ **MONTAGEANWEISUNG:**
 - 1.) KONTAKT NACH AMP-SPEZ. 114-74013 MIT HANDZANGE PN 1-1105851-B ANCRIMPEN
 - 2.) DICHTUNG IN STECKVERBINDER BIS ANSCHLAG EINDRÜCKEN
 - 3.) KABELVERSCHRAUBUNG UND KLEMMKORB AUF LEITUNG AUFSCHEIBEN
 - 4.) KONTAKT MIT LEITUNG IN STIFTGEHÄUSE EINDRÜCKEN
 - 5.) KLEMMKORB AUF DICHTUNG AUFSCHEIBEN
 - 6.) KABELVERSCHRAUBUNG AUF GEHÄUSE AUFSCHEIBEN
- △ **ANZUGSDREHMOMENT** SIEHE VERARBEITUNGSSPEZIFIKATION 114-18488

| | | | |
|--|--|--|---|
| DWYER RELEASED FOR PUBLICATION BY TICO ELECTRONICS CORPORATION DATE WITH PROOF 21/09/11 | | DWYER 01-SEP-00 LEWNER 01-SEP-00 H. SCHERER 01-SEP-00 G. FEINDL 01-SEP-00 | 1140 Electronics AMP GmbH D - 64425 Bensheim |
| PHOTOVOLTAIK STECKVERBINDER 1 POS. PHOTOVOLTAIK STECKVERBINDER 1 POL. | | SCALE: 1:1 SHEET: 3 OF 3 REV: K1 | SCALE: 1:1 SHEET: 3 OF 3 REV: K1 |