







**LENGTH SCHEDULE:**

| TE<br>PART NO. | REV. | LENGTH L1<br>(mm)  | LENGTH L2<br>(mm)  | LENGTH L3<br>(mm)  | LENGTH L4<br>(mm)  | LENGTH L5<br>(mm)  | DRX<br>PART NO. | AUDI WIRE<br>NO.       |
|----------------|------|---|---|---|---|---|-----------------|------------------------|
| 2363958-1      | B    | 6065 ±14  | 1246 ±14  | 95 ±6   | 1402 ±14  | 6215 ±14  | F0328320        | SL_207002<br>SL_207005 |
| 2363958-2      | A    | 6065 ±14  | 1246 ±14  | 105 ±6  | 1402 ±14  | 6215 ±14  | F0329320        | SL 207002<br>SL 207005 |

## NOTES

- PACKAGING:  
ASSEMBLIES PACKED ACC. TO THE DETAILS GIVEN IN TABLE.  
GENERALLY: PACKAGING ACC. TO THE SPECIFICATION 107-18064 (ENGLISH)  
OR 107-18064-1 (GERMAN). USE CURRENT REVISION ALWAYS.
- 2 ELECTRICAL TEST ACC. TO SPECIFICATION 108-18857.  
STANDARD TEST 3.1.1 AND 3.1.2 TEST B (1 kV DC / 0.1 s) AND TEST D   
USE CURRENT REVISION ALWAYS.
- 3 LENGTH "L" ACCORDING TABLE IS FOR STRAIGHT CABLE.
- 4 CUTTING LENGTH TO BE FIXED BY MANUFACTURING.
- 5 MANUFACTURING CODE:  
DRX PART NO. (8 DIGITS), TE PART NO. AND CURRENT REV. LEVEL (9 DIGITS),  
LINE NUMBER (X): CAN BE NUMBER, LETTER OR CHARACTER  
DATE CODE (DCWYS).  
(D: DAY, Y: SUNDAY; CW: CALENDER WEEK; Y: LAST DIGIT OF YEAR; S: SHIFT)  
DRX PART NO. AND TE PART NO. SEE TABLE.  
MANUFACTURING CODE TO BE APPLIED AFTER SUCCESSFUL ELECTRICAL TEST.
- 6 APPLICATION SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 114-94413  
APPLICATION SPECIFICATION FOR 180° FAKRA II IS 114-18622  
PRODUCT SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 108-94515  
PRODUCT SPECIFICATION FOR 180° FAKRA II CONNECTOR IS 108-2129  
PRODUCT SPECIFICATION FOR 180° FAKRA II CONNECTOR IS 108-2129  
PROCESSING OF THE COAX SHIELD CONTACT ACCORDING TO MD ELEKTRONIK  
INSTRUCTION SHEET 10588 CRIMP DATA ACCORDING VW DRAWING 4E0.035.580.  
CRIMP DATA FOR RING TONGUE SEE APPLICATOR DRAWING 1893391.

- 7 RETAINER PRESENT AND CLOSED.
- 8 OUTER JACKET REMOVED.
- 9 Alternative 2298509-2 can be used.




### PINNING:

| CONNECTOR | CONNECTOR |
|-----------|-----------|
| A1        | C         |
| A2        | -         |
| A3        | -         |
| A4        | B         |

LAYER PACKAGING (TE SPEC.: 107-18032)

| Layer Structure                     | PN  | Qty.<br>-X |
|-------------------------------------|---|------------|
| Shipping Box:                       | 973057-2  | 1          |
| Cover:<br>(for reusable boxes only) | -   | -          |
| Top Layer:                          | 973163-2  | 1          |
| Layers:                             | -   | 1          |
| Separating Layer:                   | -   | -          |
| Product per Layer:                  | 2363958   | 1bd        |
| Separating Layer:                   | -   | -          |
| Bottom Layer:                       | 973163-2  | 1          |
| Layer Picture:                      | Typ   | S          |
| Product Orientation:                | -   | horizontal |
| Remark:                             | FOR FIXING OF COIL USE<br>EAST TIE TAPE PN 234805-1<br>TAPPING 2 TIMES AROUND CABLES. |            |

|   |           |            |      |   |          |
|---|-----------|------------|------|---|----------|
| 4 | 1         | 346102-2   | D    | RING TONGUE 0.5-1.0 MM2 0.6 X 15.2 CUSN                 | 14       |
|   | 1         | 2299823-1  | A    | COAX SHIELD CONTACT, VW 4EO 035 580                     | 13       |
|   | see table | 5-515275-0 | C    | SINGLE WIRE FLY 1.0 MM.BROWN                            | 12       |
|   | 1         | 5677586076 | D    | RNF-3009/3-35MM   | 11       |
|   | see table | 1719191-1  | A    | COAX CABLE, 50 OHM, RG174                               | 10       |
|   | 1         | 1452728-2  | E    | PLUG HOUSING CODE B CREAM WHITE 1WAY, FAKRA 2           | 9        |
|   | 1         | 1452728-9  | E    | PLUG HOUSING CODE I BEIGE, 1WAY FAKRA 2                 | 8        |
|   | 2         | 1-413889-3 | A    | FERRULE, RG174, 180 GRAD                                | 7        |
| 9 | 2         | 1418971-5  | A    | CENTER CONTACT, PLUG - 3 SERRATIONS                     | 6        |
|   | 2         | 1719793-1  | D    | SUBASSY PLUG FAKRA, HF                                  | 5        |
|   | 1         | 2310886-3  | C    | 4 POS, MATE-AX, SOC HSG ASSY, 180 DEG, COD C.LIGHT BLUE | 4        |
|   | 2         | 2298509-1  | C    | MIXED SHIELD INNER FERRULE                              | 3        |
|   | 2         | 2298496-1  | B    | CONTACT MATE-AX CENTER CONTACT                          | 2        |
|   | 2         | 2298494-1  | C    | CONTACT MATE-AX SUBASSEMBLY                             | 1        |
|   | QTY -X    | PART NO.   | REV. | DESCRIPTION   | ITEM NO. |

|  |                 |           |      |     |   |  |      |   |        |
|--|-----------------|-----------|------|-----|---|--|------|---|--------|
| PRODUCT CHARACTERISTICS DEC: QMP-EMA-XX-XX-XX-012<br>BESONDERE MERKMALE NACH QMP-EMA-XX-XX-XX-XX-012 |                 |           |      |     |   | Y. Eddahbi<br>CHK  |      | 290CT2019   |        |
| DIMENSIONS:<br>TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:   |                 |           |      |     |   | Z. Loukili<br>APVD<br>S. Boughaba<br>NAME MATE-AX / FAKRA II, CABLE ASSY |      |  TE Connectivity |        |
| B2   | ECR-20-014807   | 200CT2020 | HA   | YE  |  | 0 P L C ±<br>1 P L C ±<br>2 P L C ±<br>3 P L C ±<br>4 P L C ±            |      |   |        |
| B1   | ECR-20-002770   | 26FEB2020 | NM   | YE  |  |  |      |   |        |
| B  | ECR-20-001516   | 24DEC2019 | NM   | YE  | ANGLE: ±<br>SURFACE TEXTURE   |  |      |   |        |
| LTR  | REVISION RECORD |           | DATE | DNW | APVD  | SCALE  | SIZE | DRAWING NO  | SHEET  |
|  |                 |           |      |     |   | 3:1  | A 1  | 2363958   | 1 OF 1 |
|  |                 |           |      |     |   |  |      |   | B2     |