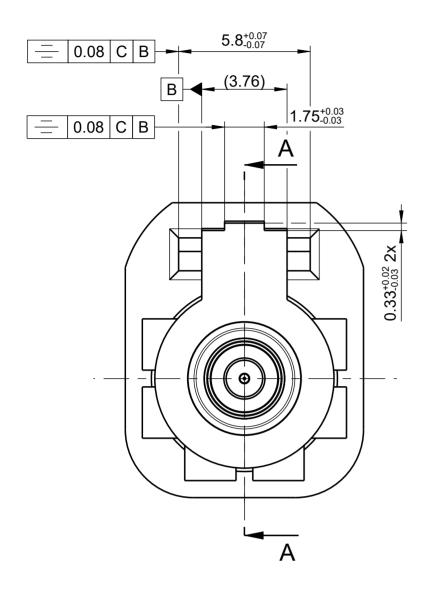
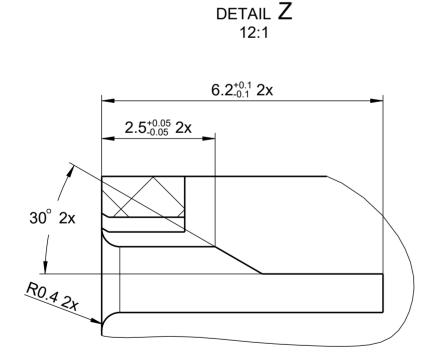
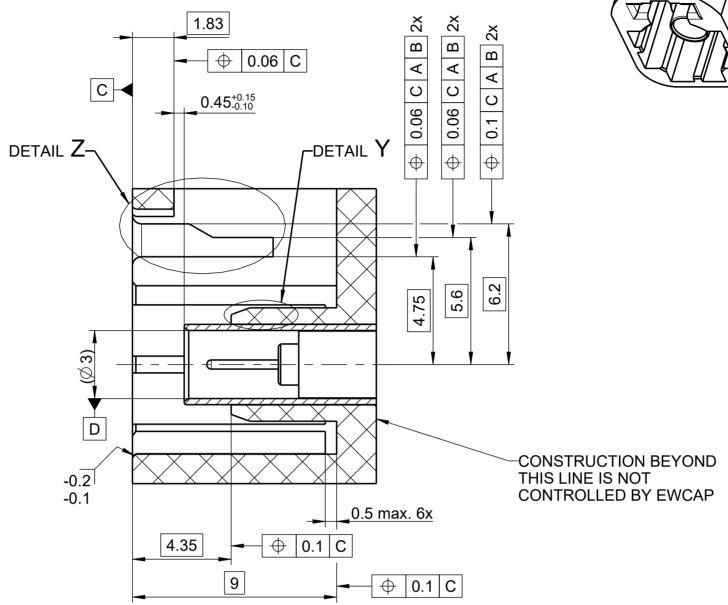
HIGH SPEED FAKRA MINI WATERPROOF

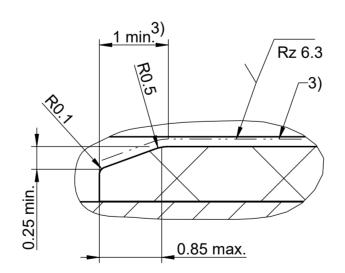




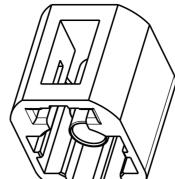
SECTION A-A







ISOMETRIC VIEW SCALE: 3:1



NOT

This drawing, or portions of it are controlled by the Electrical Wiring Components Application Partnership(EWCAP) a subgroup of the United States Council for Automotive Research LLC (USCAR LLC).

USCAR is an LLC consisting of members from FCA US LLC, Ford Motor Company and GM Corporation.

Any change to a EWCAP controlled portion of this drawing, including a revision record change must be approved, in writing, by the responsible EWCAP representative from each USCAR member company. Each EWCAP representative authorized to sign for his or her member company is responsible for obtaining all necessary approvals within that company prior to signing for the approval of the change.

EWCAP expressly prohibits any party from changing either any EWCAP controlled portion of this drawing or any associated tooling before receiving approval, signed by the authorized representatives, of the USCAR member companies. Reference to the signed change notice must be entered in the drawing control column.

INITIAL RELEASE 03/11/22 CHANGE SERIAL LET DATE DWN CHK REVISION RECORD NUMBER TOLERANCES (UNLESS OTHERWISE SPECIFIED) THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS DIMENSIONING AND TOLERANCE IN ACCORDANCE WITH ASME Y14.5-2009

NOTES:

- 1) BASE DOCUMENT FOR THE CONTACT IS THE USCAR DRAWING: 888-U-001-1-Z02 (SHEET 1)
- 2) SEALING SURFACE TO BE FREE OF SURFACE FLAWS
- 3) POSITION OF SEAL, THREE SEALING LIPS HAVE TO BE ENGAGED 4) ESCAPE PATH FOR CONDENSATION IS REQUIRED BUT NOT SHOWN
- 5) FREE SPACE FOR MATING PART

Rosenberger

D-84526 Tittmonig Germany HIGH SPEED MINI WATERPROOF-INTERFACE. COAX CONNECTOR. 50 OHM.

USCAR-EWCAP

SHEET DRAWING NUMBER
1 of 3 888-S-001-1-Z01

S. STROM

SIZE DO NOT SCALE DRAWING COMPUTER AIDED DRAWING

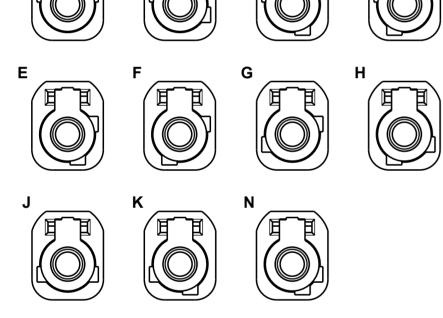
CHECKED BY

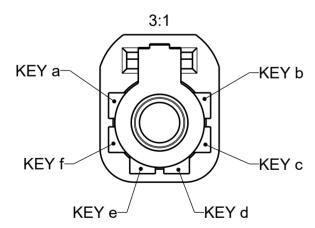
REVISION LEVEL

DATE

03/11/22

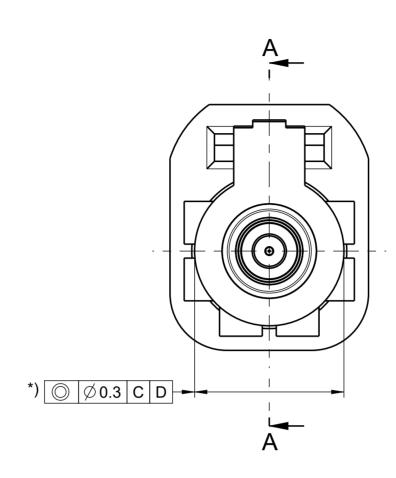
CODING _ 0.08 C A → 0.06 C A B ◎ Ø 0.05 A ⊕ 0.08 C A B ◎ Ø 0.05 A ⊕ 0.07 C A B 4x \$\tau \cdot 0.08 \cdot A B \cdot \cdot \cdot \cdot B





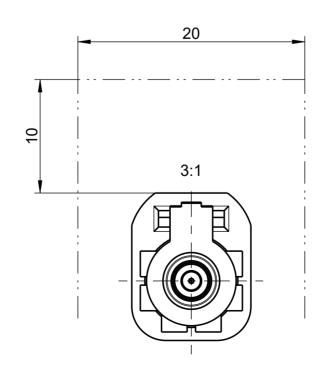
| EWCAP REF # | CODE | KEY | COLOR | SIMILAR RAL-NO |
|-----------------|------|-----|---------------|-------------------|
| 888-S-001-1-N01 | N | c-d | PASTEL GREEN | 6019 |
| 888-S-001-1-K01 | K | d-f | CURRY | 1027 |
| 888-S-001-1-J01 | J | c-f | BEIGE | 1001 |
| 888-S-001-1-H01 | Н | с-е | LIGHT PINK | 3015 |
| 888-S-001-1-G01 | G | b-f | PLATINUM GREY | 7036 |
| 888-S-001-1-F01 | F | b-e | NUT BROWN | 8011 |
| 888-S-001-1-E01 | E | b-d | MAY GREEN | 6017 |
| 888-S-001-1-D01 | D | а-е | CLARET VIOLET | 4004 |
| 888-S-001-1-C01 | С | a-d | LIGHT BLUE | 5012 |
| 888-S-001-1-B01 | В | a-c | PURE WHITE | 9010 |
| 888-S-001-1-A01 | Α | a-b | JET BLACK | 9005 |

HIGH SPEED FAKRA MINI WATERPROOF

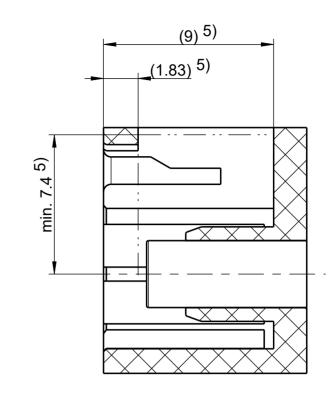


*) FOR FLOATING OUTER CONTACT OF THE CABLE PLUG, A DEVIATION OF \emptyset 0.4 mm IS PERMISSIBLE, REFERRING TO MEASURING PLANE 1

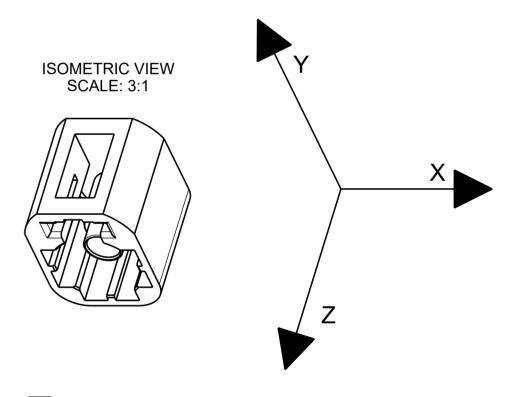
REQUIRED SPACE FOR ACTUATION



SECTION A-A



Explanation of the Datum plane



- A -> Orientation of the housing in the Z-direction on the XY plane, position of the outer contact
- B -> Limitation of the rotation about the Z-axis
- C -> Front surface
- D -> Outer contact is reference for inner contact

| TOLERANCES (UNLESS OTHERWISE SPECIFIED) DIMENSIONS ARE IN MILLIMETERS MENSIONING AND TOLERANCE IN ACCORDANCE WITH ASME Y14.5-2009 | | | | NGLE PROJECTION | |
|---|----------------------------|------------------------|---|------------------|--|
| MENSIONING AND TO | LERANCE IN ACCORDANCE WITH | ASME 114.5-2009 | T | | |
| USCAR-EWCAP | | | | | |
| SCALE 5:1 | DRAWN BY S. STROM | CHECKED BY C. SCHMIDT | | DATE 03/11/22 | |
| HIGH SPEED MINI WATERPROOF-INTERFACE. | | | | | |

Rosenberger

D-84526 Tittmonig Germany

COAX CONNECTOR, 50 OHM.

SHEET DRAWING NUMBER SIZE DO NOT SCALE DRAWING A2 COMPUTER AIDED DRAWING 888-S-001-1-Z01 2 of 3

REVISION LEVEL

NOTICE

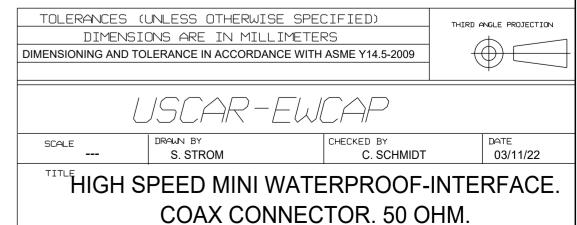
EWCAP HAS SELECTED COMMON DIMENSIONS FOR THE CONNECTOR(S) DEPICTED AND DESCRIBED HEREIN (LISTED BELOW). FURTHER, EWCAP HAS SELECTED FOR PUBLICATION THIS DRAWING (AND ITS COMPANION ELECTRONIC MODEL) PREPARED BY ROSENBERGER AS REPRESENTATIVE OF A CONNECTOR HAVING THESE DIMENSIONS. IN EXCHANGE FOR THE CONSIDERATION OF THE SELECTION OF THIS DRAWING FOR PUBLICATION (INCLUDING POSTING ON EWCAP'S WEB SITE) AND OTHER GOOD AND VALUABLE CONSIDERATION FLOWING FROM THIS SECTION, ROSENBERGER HEREBY AGREES ON BEHALF OF ITSELF AND ITS SUCCESSORS AND ASSIGNS, WITH RESPECT TO ANY COPYRIGHTS IT MAY HAVE IN THIS DRAWING AS WELL AS ANY PATENT RIGHTS IT MAY HAVE IN THE CONNECTOR ILLUSTRATED IN THIS DRAWING, NOT TO ENFORCE SUCH COPYRIGHTS AND PATENTS AGAINST ANY PERSON OR ENTITY ON ACCOUNT OF THEIR ACTIVITIES TO MAKE, HAVE MADE, USE AND SELL THE CONNECTOR ILLUSTRATED IN THIS DRAWING FOR VEHICULAR APPLICATIONS. THE TERM "CONNECTOR" AS USED IN THIS PARAGRAPH IS LIMITED SOLELY TO THE STRUCTURE SPECIFICALLY ILLUSTRATED IN THIS DRAWING.

SIGNED M. ZEBHAUSER FOR ROSENBERGER. DATE: 03/11/22 NAME AND TITLE OF SIGNER: M. ZEBHAUSER

THE PERSON SIGNING THIS AGREEMENT REPRESENTS AND WARRANTS THAT (1) HE OR SHE IS DULY AUTHORIZED AND HAS LEGAL CAPACITY TO EXECUTE AND DELIVER AGREEMENT ON BEHALF OF ROSENBERGER, (2) THE EXECUTION AND DELIVERY OF THIS AGREEMENT AND THE PERFORMANCE OF ROSENBERGER PURSUANT TO THE TERMS OUTLINED ABOVE HAVE BEEN DULY AUTHORIZED AND THAT THIS AGREEMENT IS A VALID AND LEGAL AGREEMENT BINDING ON MARCH 11, 2022 AND ENFORCEMENT IN ACCORDANCE WITH ITS TERMS.

NO WARRANTIES OR INDEMNITIES OF ANY KIND ARE MADE OR IMPLIED BY ROSENBERGER OR EWCAP. IN PARTICULAR THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, NON-INFRINGEMENT OR ANY OTHER WARRANTY OF ANY KIND. IN ADDITION, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OR INDEMNITIES OF ANY KIND RELATING TO THIRD PARTY CLAIMS ARISING UNDER THE INTELLECTUAL PROPERTY LAWS OF ANY COUNTRY. ANYONE USING THE INFORMATION IN THIS DRAWING DOES SO AT THEIR OWN RISK.

APPLICABLE EWCAP DRAWING NUMBERS: 888-U-001-1-Z02



Rosenberger

D-84526 Tittmonig Germany SHEET DRAWING NUMBER
3 of 3 888-S-001-1-Z01 A

SIZE DO NOT SCALE DRAWING A2 COMPUTER AIDED DRAWING

REVISION LEVEL