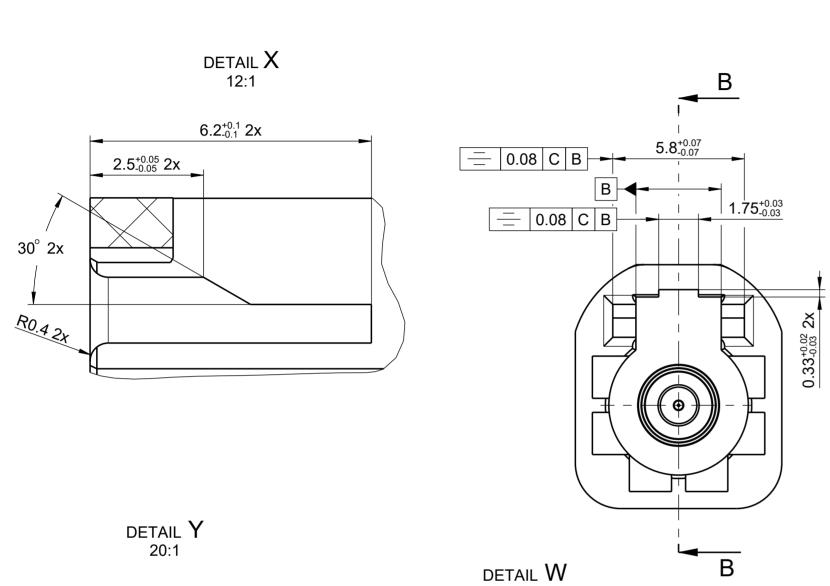
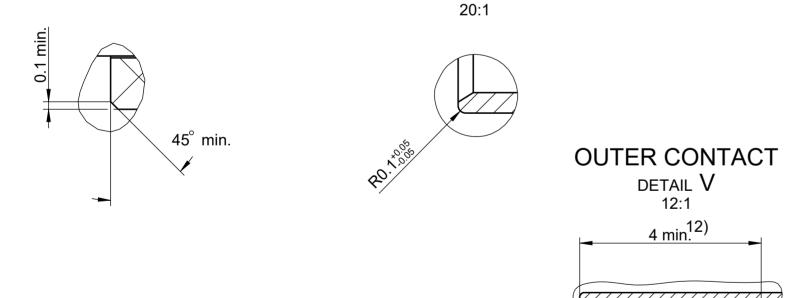
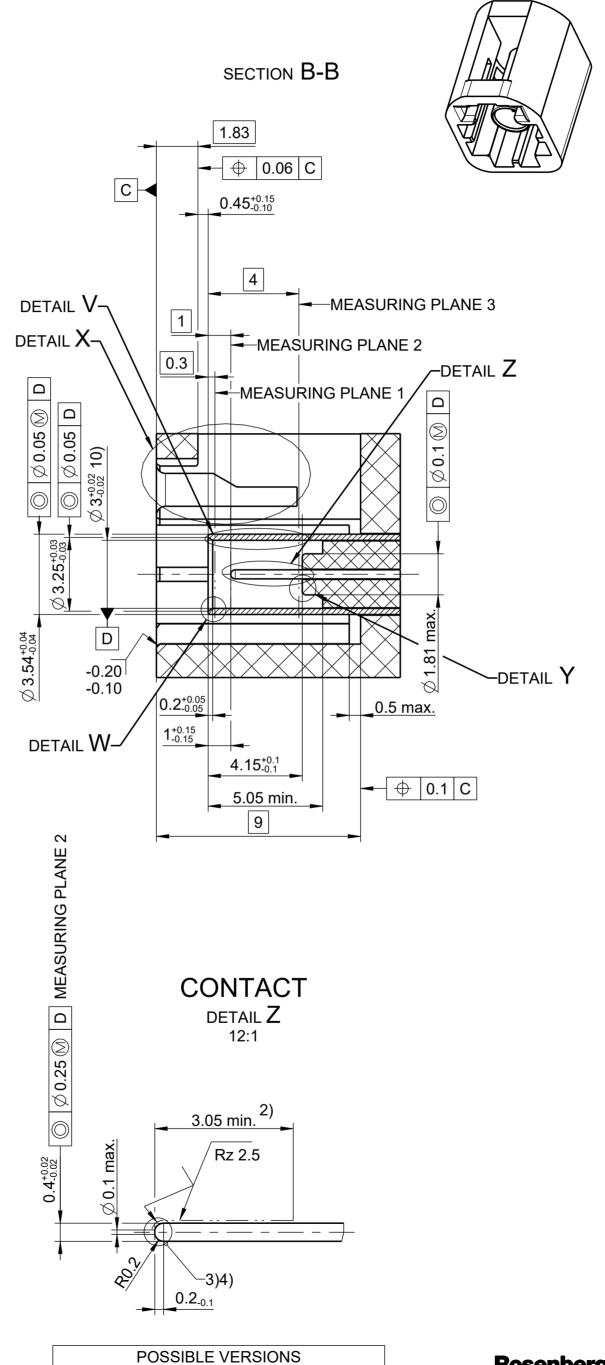
HIGH SPEED MINI GENERAL PLATING OF CONTACT AREA OUTER CONTACT STANDARD: min. 1.5µm Sn (hot-dip tinned, pre-plated base material) ALTERNATIVELY: min. 3µm Sn over min. 1µm Ni and min. 2µm Cu (Cu optional depending on base material) INNER CONTACT min. 0.15µm Au over 2µm Ni and 0.5µm Cu (Cu optional depending on base material) 1.83





NOTES:

- 1) CHANGES ONLY WITH APPROVAL OF ROSENBERGER
- 2) AU-PLATING
- 3) NO BURR AND SHARP EDGES PERMITTED
- 4) CUT AREA PERMITTED WITHOUT PLATING
- 5) DEVICE MANUFACTURER IS RESPONSIBLE FOR EMC-SCREENING
- BEHIND THE INTERFACE, THE RESPECTIVE OEM-STANDARDS MUST BE ADHERED TO
- 6) CONTACT OVERLAP OF MIN. 1.0mm HAS TO BE GUARANTEED
- 7) THE CONNECTOR IS DESIGNED FOR 50 Ω
- IT IS RECOMMENDED TO DESIGN THE WHOLE COMMUNICATION CHANNEL ACCORDINGLY
- 8) ALL DIMENSIONS APPLY TO THE FINISHED PART INCLUDING SURFACE COATING
- 9) AREA TO BE LEFT OPEN IF TOOLED AS AN INLINE CONNECTOR
- 10) TOLERANCE ONLY UNTIL MEASURING PLANE 3, BEHIND IT ±0.04mm ALLOWED
- 11) FREE SPACE FOR MATING PART
- 12) Sn-PLATING



NOTICE:

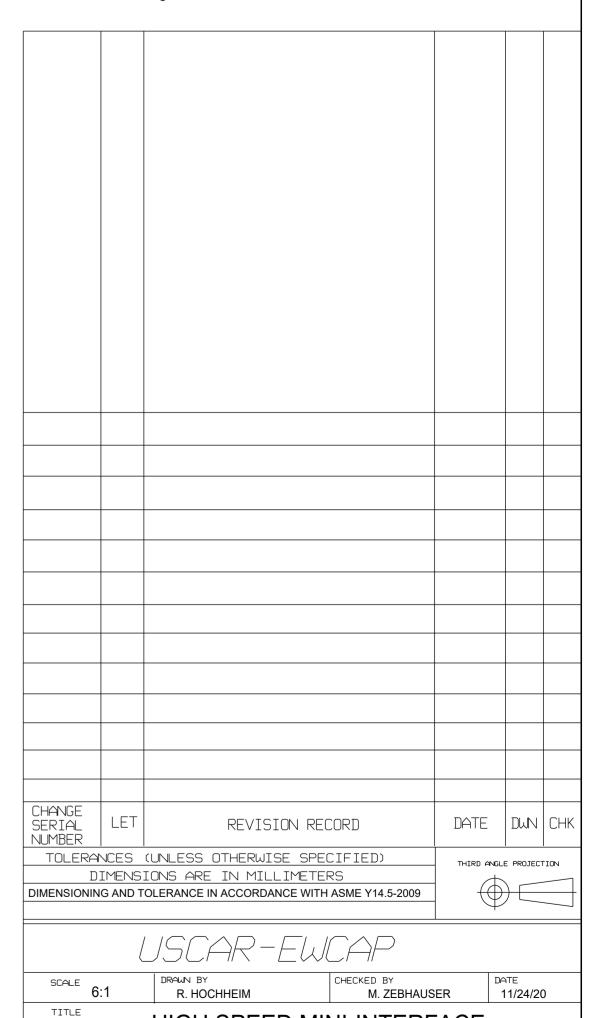
ISOMETRIC VIEW SCALE: 3:1

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.



Rosenberger

1 of 3

SHEET DRAWING NUMBER

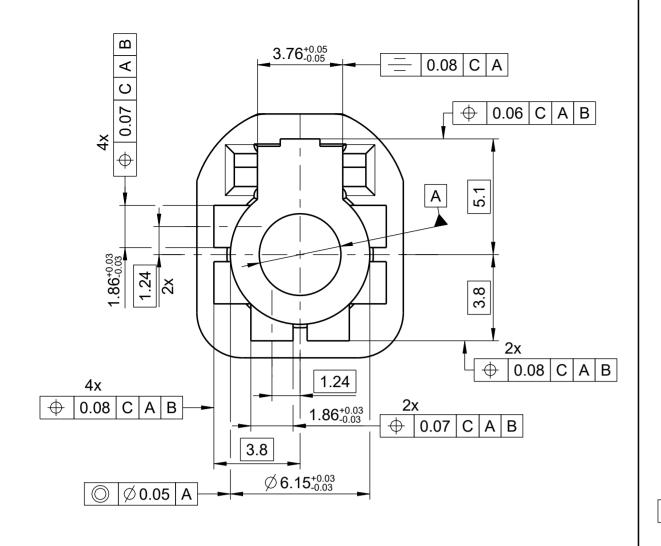
888-U-001-1-Z02

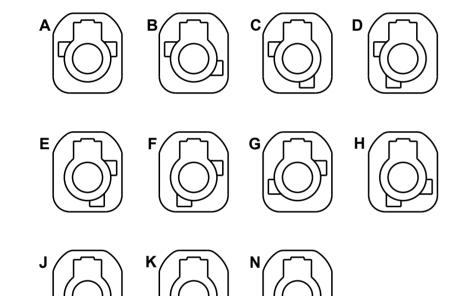
D-84526 Tittmonig Germany HIGH SPEED MINI-INTERFACE.
COAX CONNECTOR. 50 OHM.

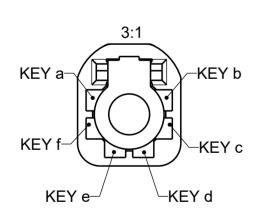
SIZE DO NOT SCALE DRAWING A2 COMPUTER AIDED DRAWING

REVISION LEVEL

HIGH SPEED FAKRA MINI CODING

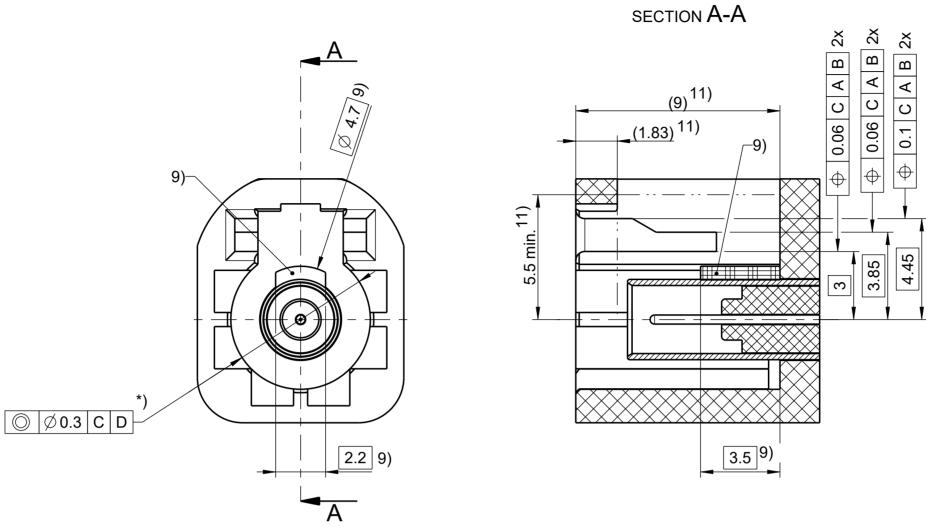






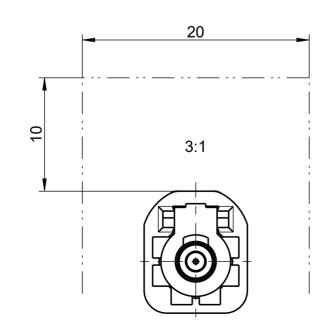
EWCAP REF #	CODE	KEY	COLOR	SIMILAR RAL-NO
888-U-001-1-N02	N	c-d	PASTEL GREEN	6019
888-U-001-1-K02	K	d-f	CURRY	1027
888-U-001-1-J02	J	c-f	BEIGE	1001
888-U-001-1-H02	Н	с-е	LIGHT PINK	3015
888-U-001-1-G02	G	b-f	PLATINUM GREY	7036
888-U-001-1-F02	F	b-e	NUT BROWN	8011
888-U-001-1-E02	E	b-d	MAY GREEN	6017
888-U-001-1-D02	D	а-е	CLARET VIOLET	4004
888-U-001-1-C02	С	a-d	LIGHT BLUE	5012
888-U-001-1-B02	В	а-с	PURE WHITE	9010
888-U-001-1-A02	Α	a-b	JET BLACK	9005

HIGH SPEED FAKRA MINI SINGLE

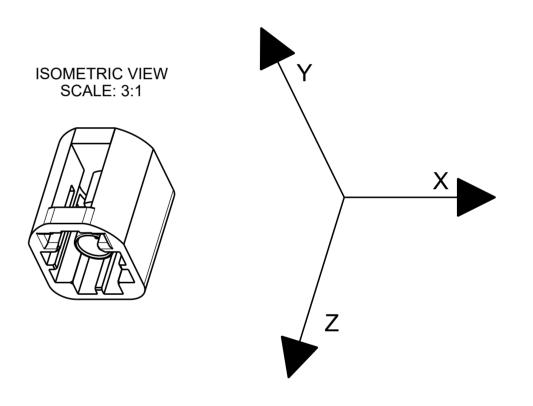


*) FOR FLOATING OUTER CONTACT OF THE CABLE PLUG, A DEVIATION OF \emptyset 0.4 IS PERMISSIBLE, REFERRING TO MEASURING PLANE 1.

REQUIRED SPACE FOR ACTUATION



Explanation of the Datum plane



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

TOLERANCES (L	THIRD ANGLE PROJECTION					
DIMENSI	,	+ —				
IMENSIONING AND TOL	+	() 				
				*		
USCAR-EWCAP						
SCALE 0.4	DRAWN BY	CHECKED BY		DATE		
6:1	R. HOCHHEIM	M. ZEBHAUSER		11/24/20		
HIGH SPEED MINI-INTERFACE. COAX CONNECTOR. 50 OHM.						

Rosenberger

D-84526 Tittmonig Germany

SHEET DRAWING NUMBER SIZE DO NOT SCALE DRAWING A2 COMPUTER AIDED DRAWING 888-U-001-1-Z02

NOTICE

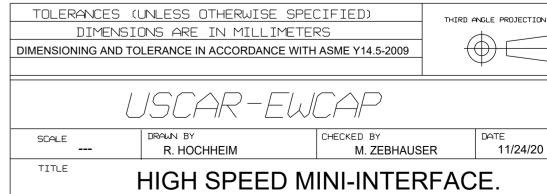
EWCAP HAS SELECTED COMMON DIMENSIONS FOR THE CONNECTOR(S) DEPICTED AND DESCRIBED HEREIN (LISTED BELOW). FURTHER, EWCAP HAS SELECTED FOR PUBLICATION THIS DRAWING (AND ITS COMPANION ELECTRONIC MODEL) PREPARED BY ROSENBERGER AS REPRESENTATIVE OF A CONNECTOR HAVING THESE DIMENSIONS. IN EXCHANGE FOR THE CONSIDERATION 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: 11/24/20 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 NOVEMBER 24, 2020 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 COAX CONNECTOR. 50 OHM.

3 of 3 888-U-001-1-Z02

size do not scale drawing A2 computer aided drawing

REVISION LEVEL