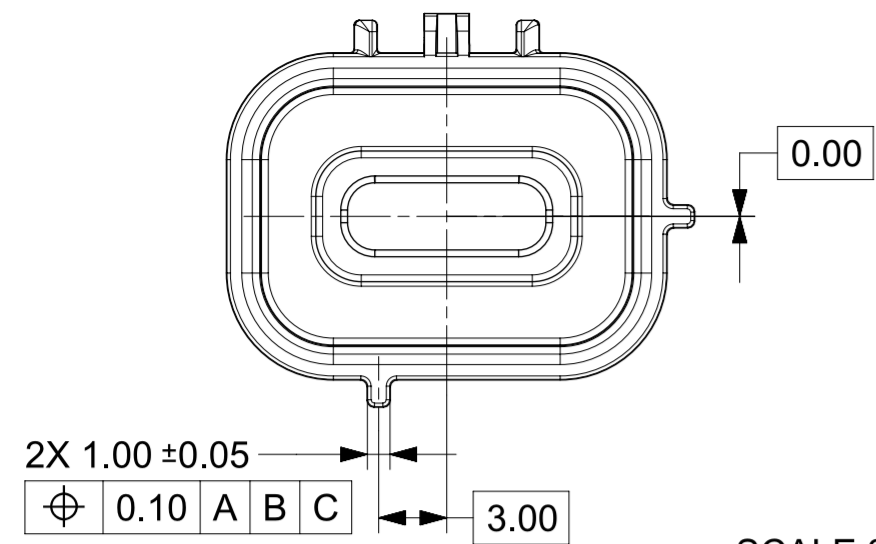
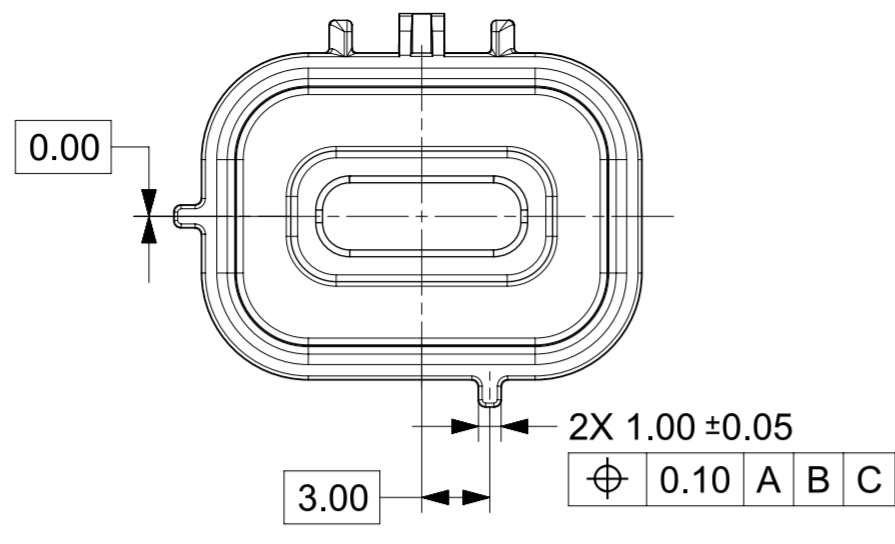


KEY OPTION: A



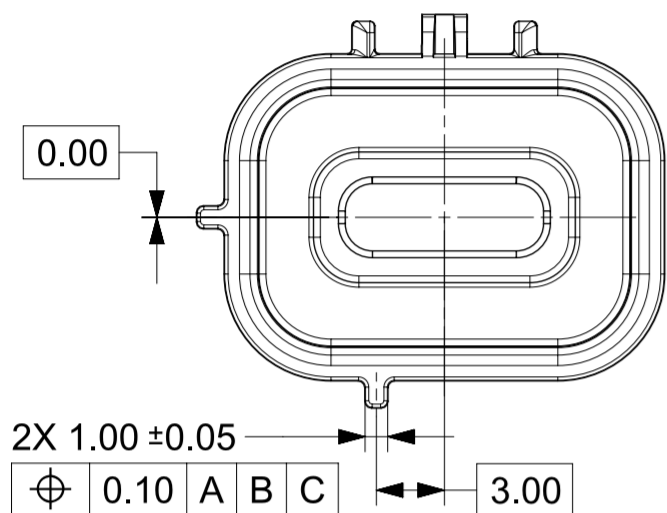
SCALE 3:1

KEY OPTION: B



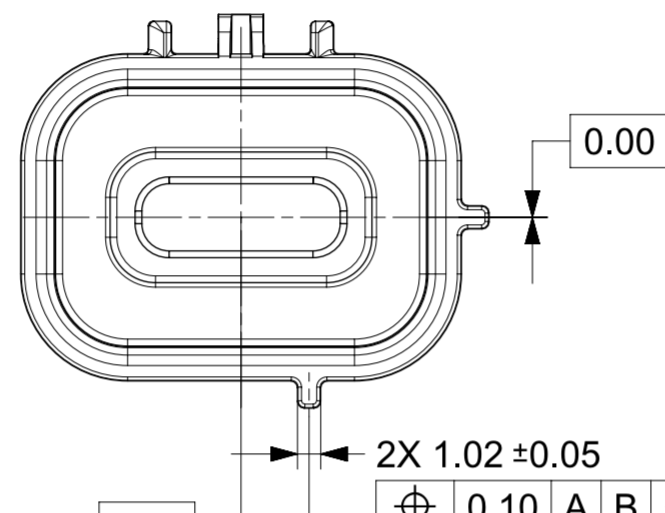
SCALE 3:1

KEY OPTION: C

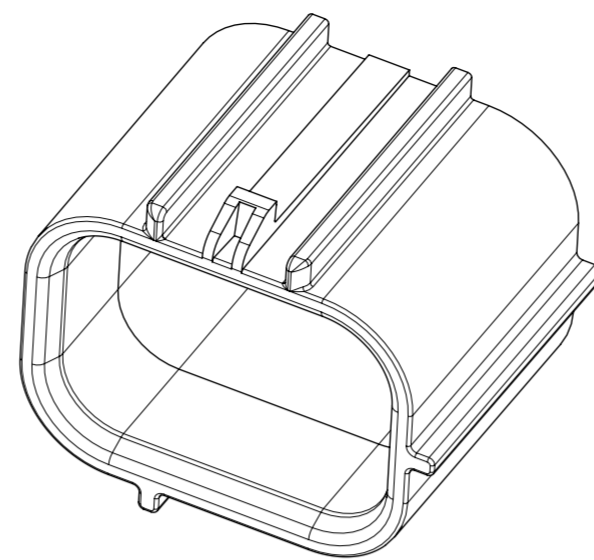


SCALE 3:1

KEY OPTION: D



SCALE 3:1



3D-VIEW

Standard Notice

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NOTES:

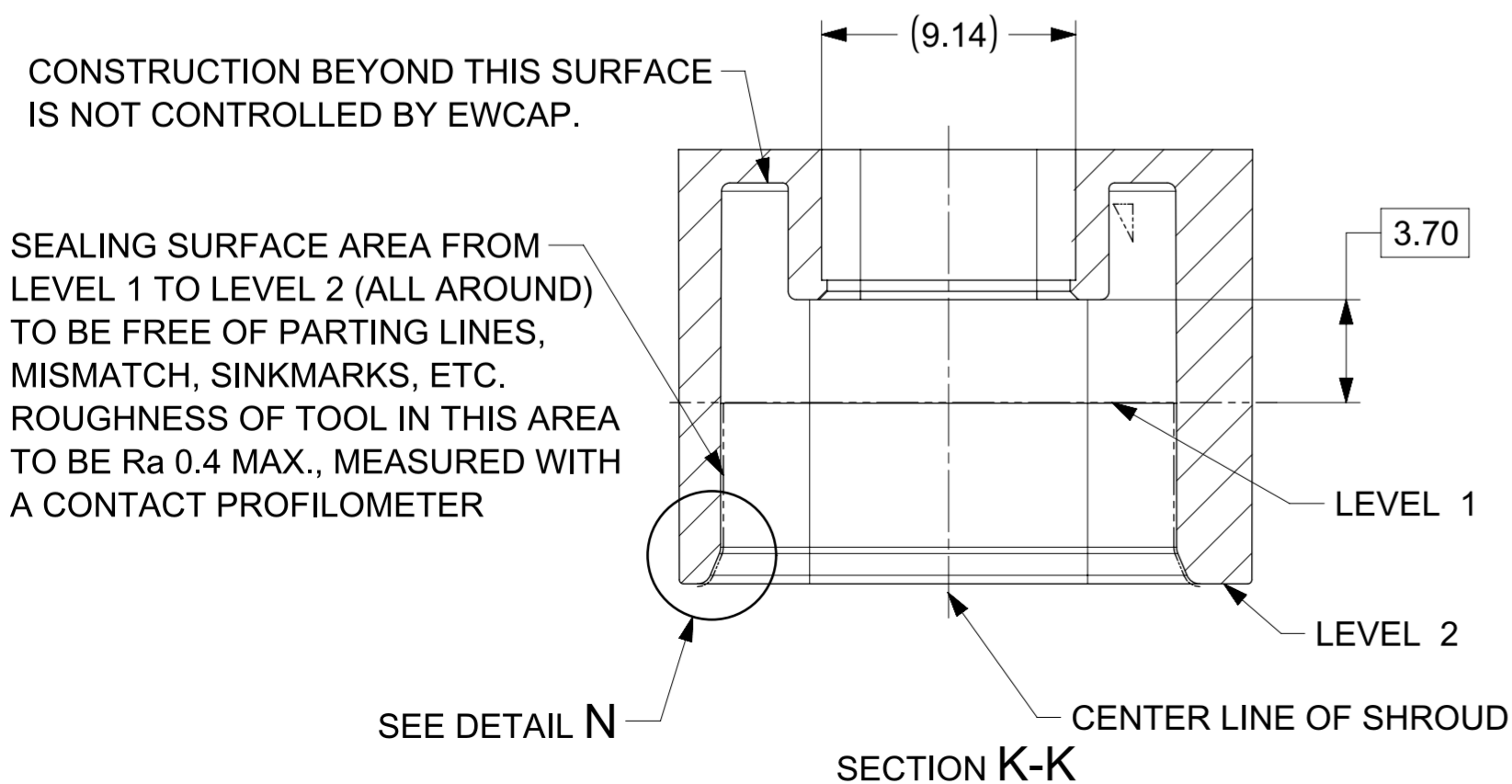
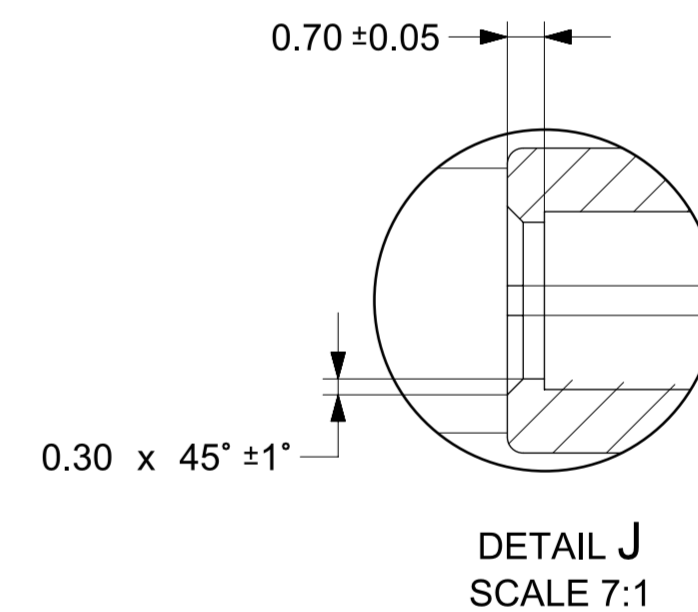
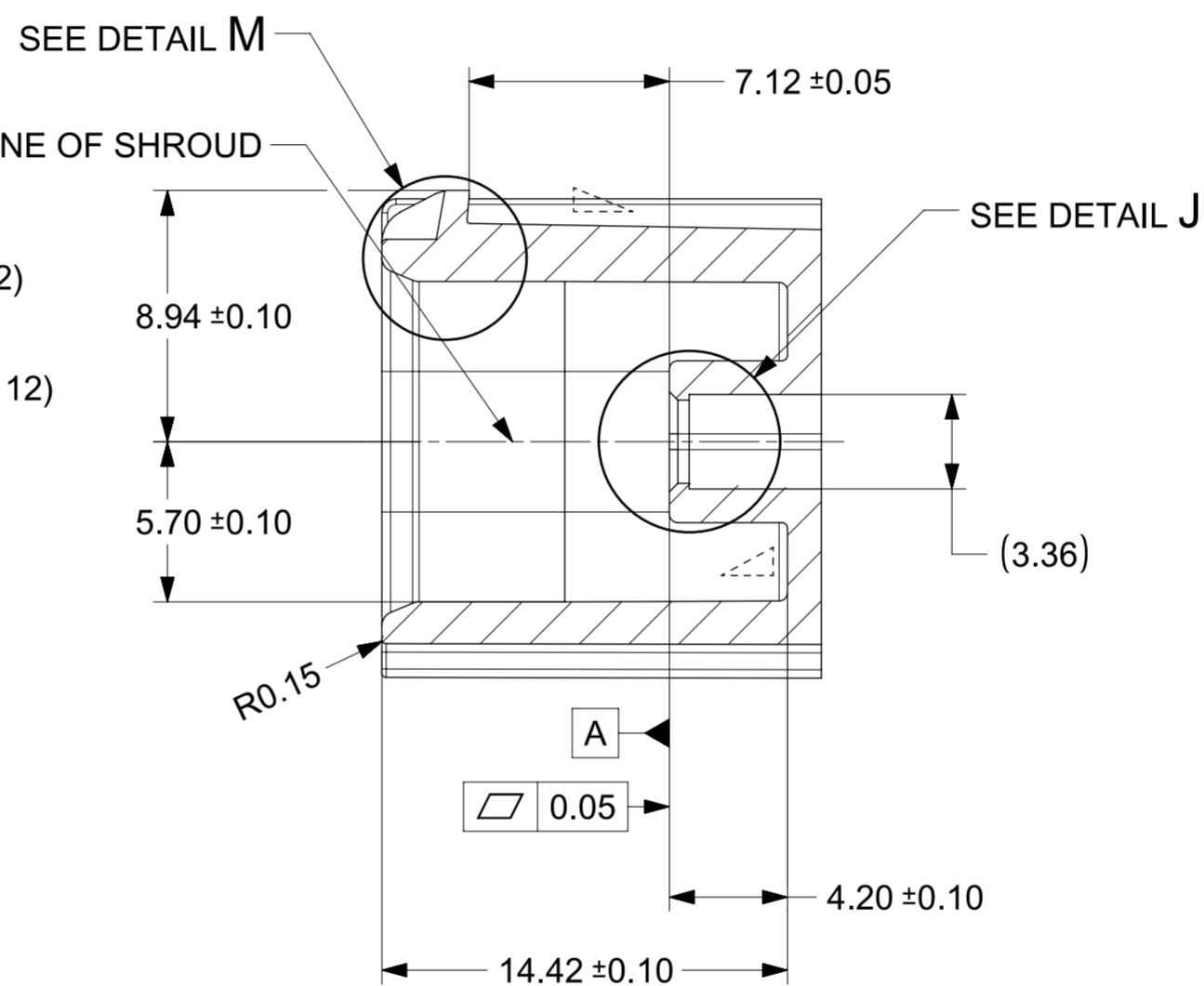
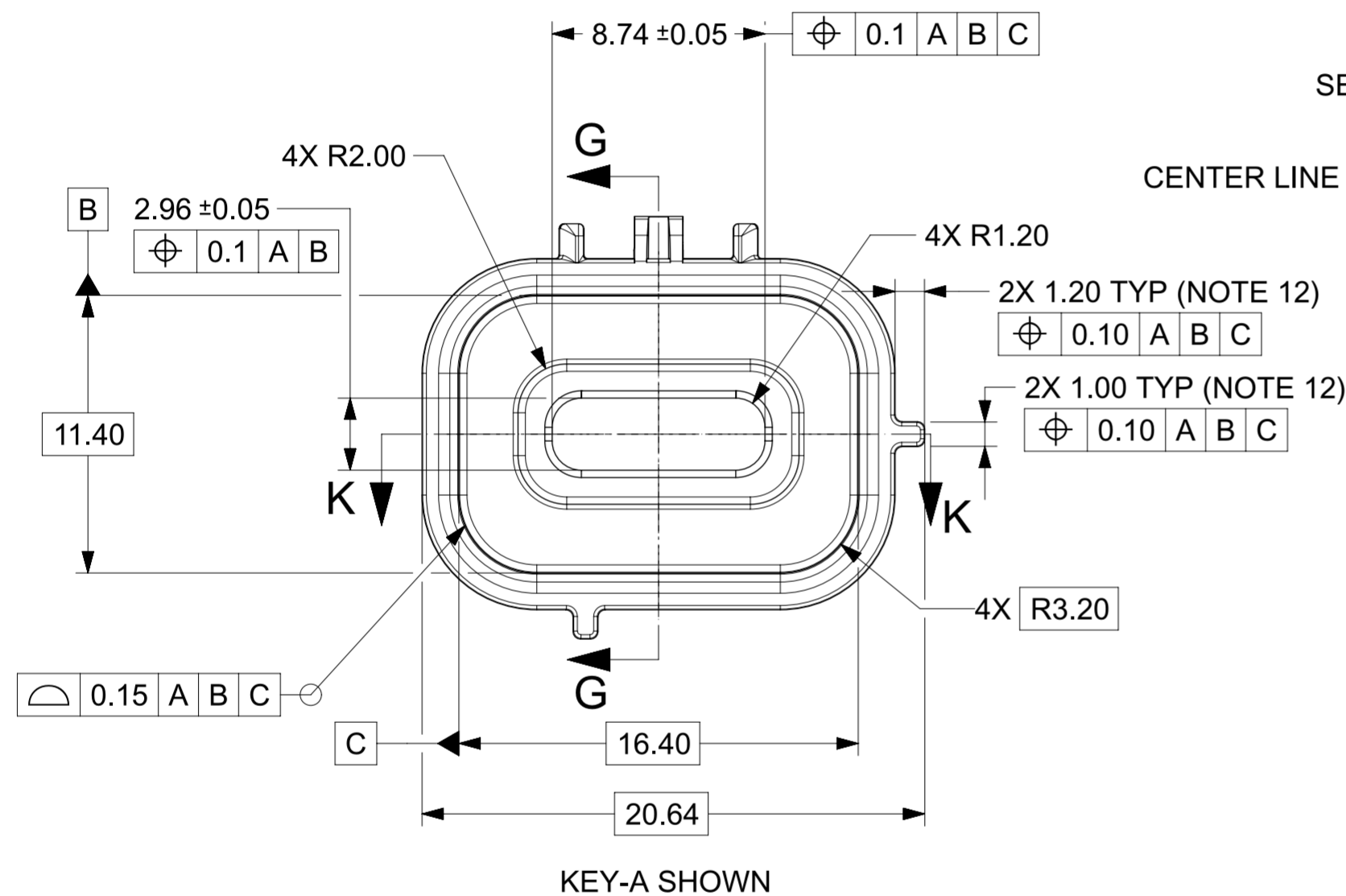
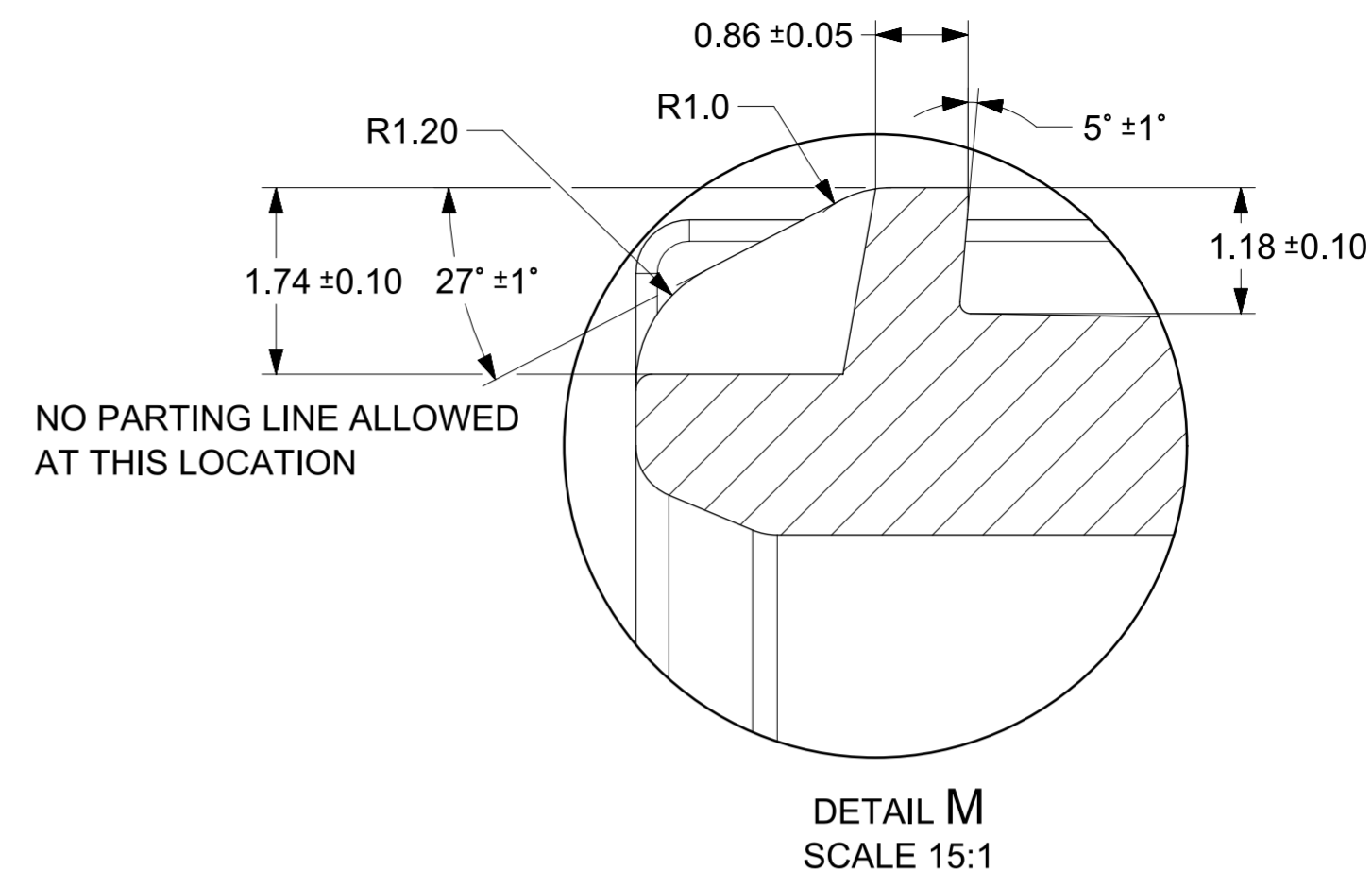
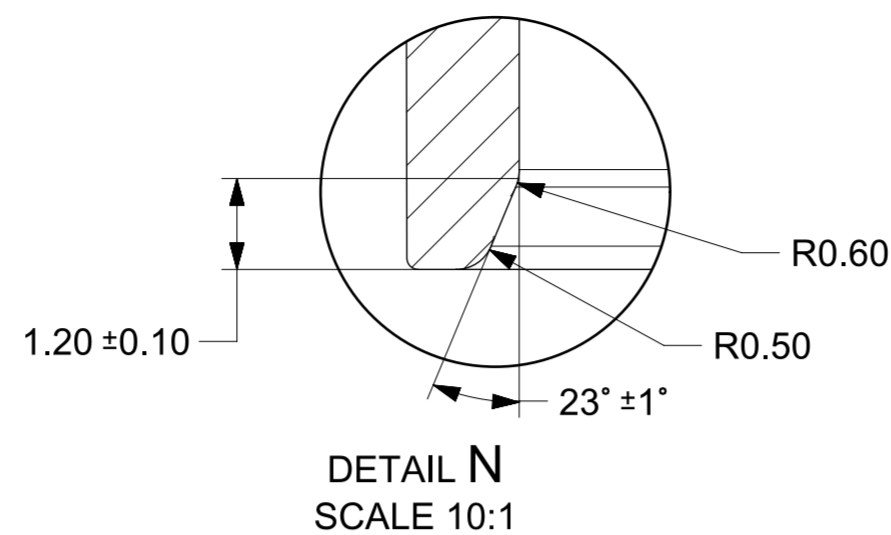
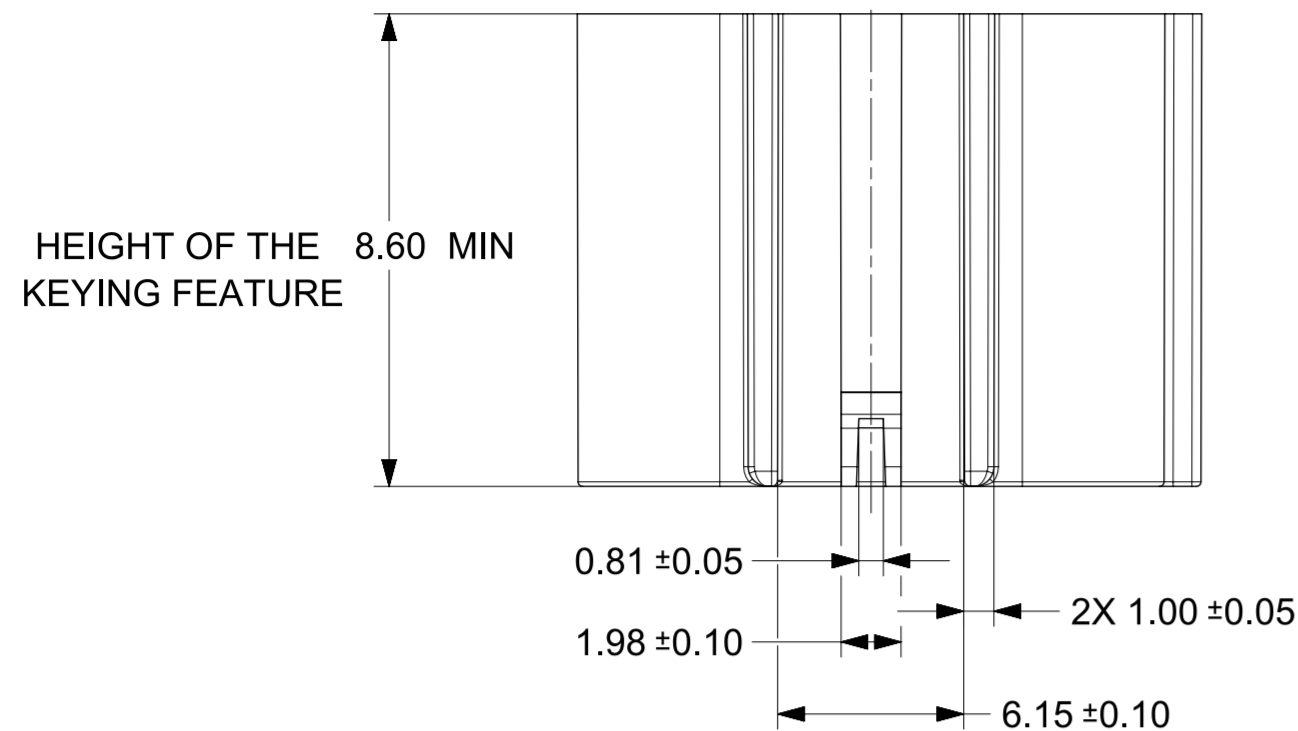
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M.
3. CORNERS SHOWN AS SHARP ARE 0.25mm MAX RADII.
4. ALL UNSPECIFIED RADII : 0.2mm
5. USCAR-12 REQUIREMENT C24 FOR CONTACT ENGAGEMENT OF 1mm ISN'T APPLICABLE.
6. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
7. ▽ SYMBOL INDICATES DRAFT DIRECTION.
8. REVERSE DRAFT PERMISSIBLE IN LATCH DETAILS.
9. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO ENSURE THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU F) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE CONTACT PINS ON THE RECEPTACLE.
10. THIS CONNECTOR INTERFACE IS DESIGNED FOR RECEPTACLE INTERFACE DIMENSIONS SPECIFIED IN USB TYPE C CONNECTOR AND CABLE SPECIFICATION / RELEASE 2.3
REFER URL: <https://www.usb.org/document-library/usb-type-cr-cable-and-connector-specification-release-23>
11. DATUM D ESTABLISHED FROM USB TYPE-C SPECIFICATION RELEASE 2.3 / SEC 3.2.1 / FIG 3-1 OR LATEST RELEASE AND APPROPRIATE SECTION FOR RECEPTACLE AND THIS IS REFERENCE FOR PIN LENGTHS TO GUARANTEE ENOUGH CONTACT OVERLAP.
12. COMMON FOR ALL KEYS.
13. RECOMMENDED RESIN PROPERTIES, FLEXURAL MODULUS OF 8.5 Gpa AND TENSILE STRENGTH OF 160Mpa.

EWCAP PART NUMBER	KEY OPTION	COLOR	SIMILAR RAL-NO
999-S-USB-A01	A	BLACK	9005
999-S-USB-B01	B	BLUE	5012
999-S-USB-C01	C	GREEN	6017
999-S-USB-D01	D	GREY	7036

molex

6000043138

-	A	INITIAL RELEASE	2024-05-23	ARUN	ADITH
CHANGE SERIAL #	REV.	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION		
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ± 1°					
<i>USCAR-EWCAP</i>					
SCALE	DRAWN BY	CHECKED BY	DATE		
1:1					
TITLE USB TYPE C SEALED					
SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING	REVISION LEVEL	
1 of 3	999-S-USB-Z02	A2	COMPUTER AIDED DRAWING	A	



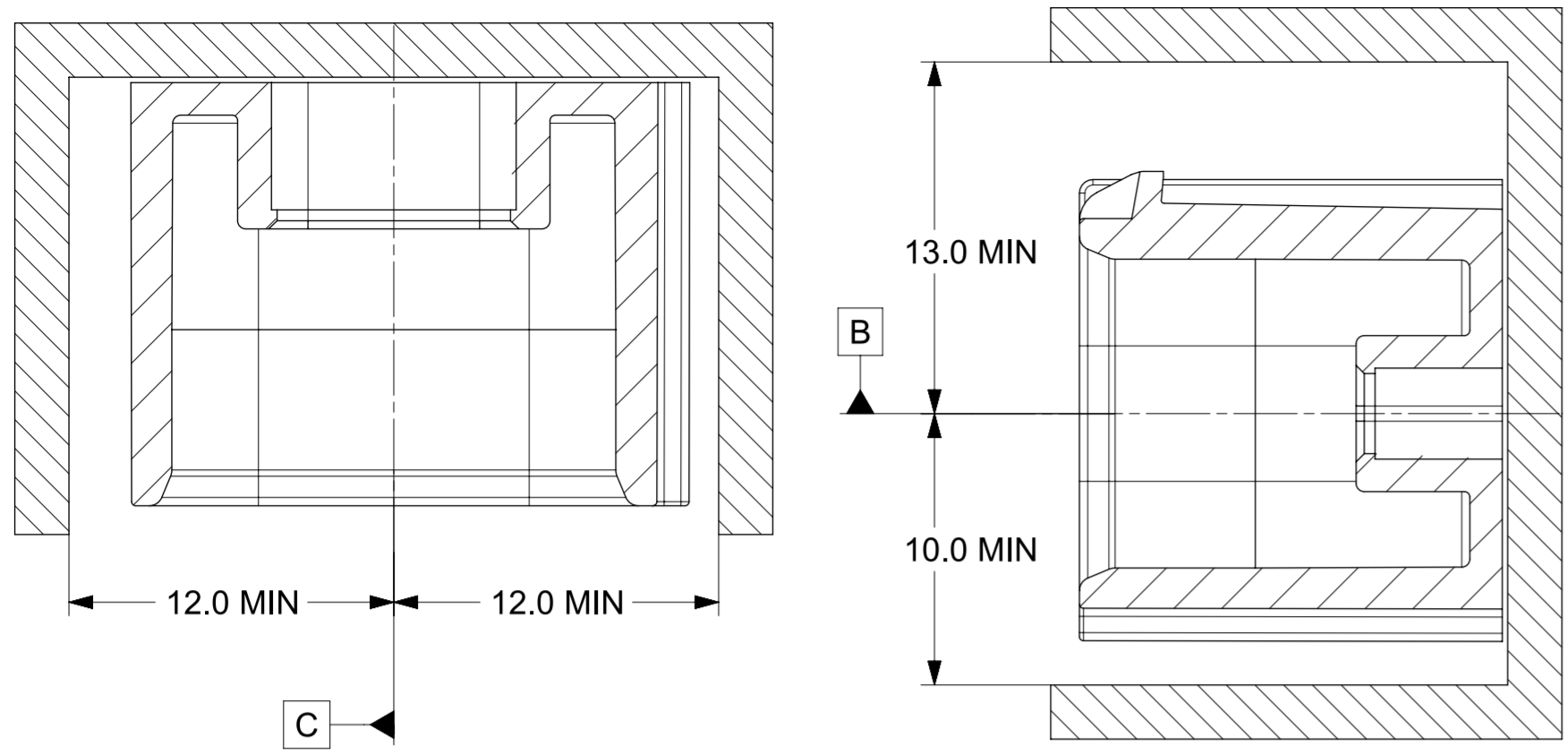
SECTION G-G

SECTION K-K

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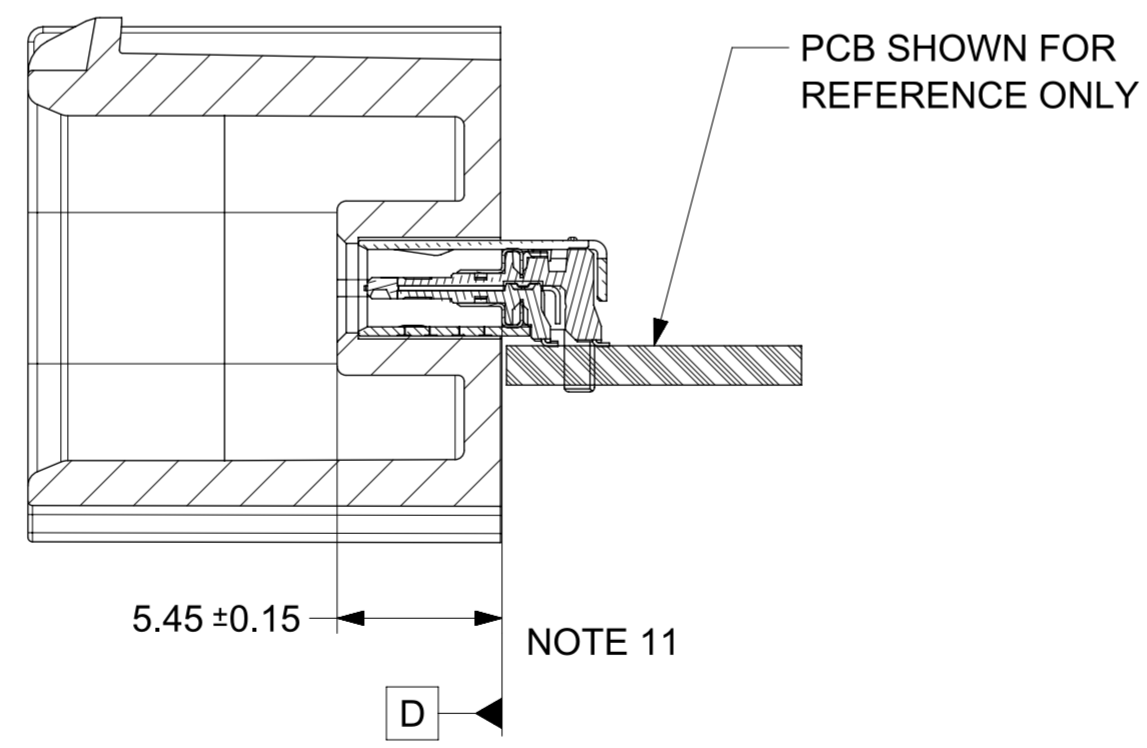
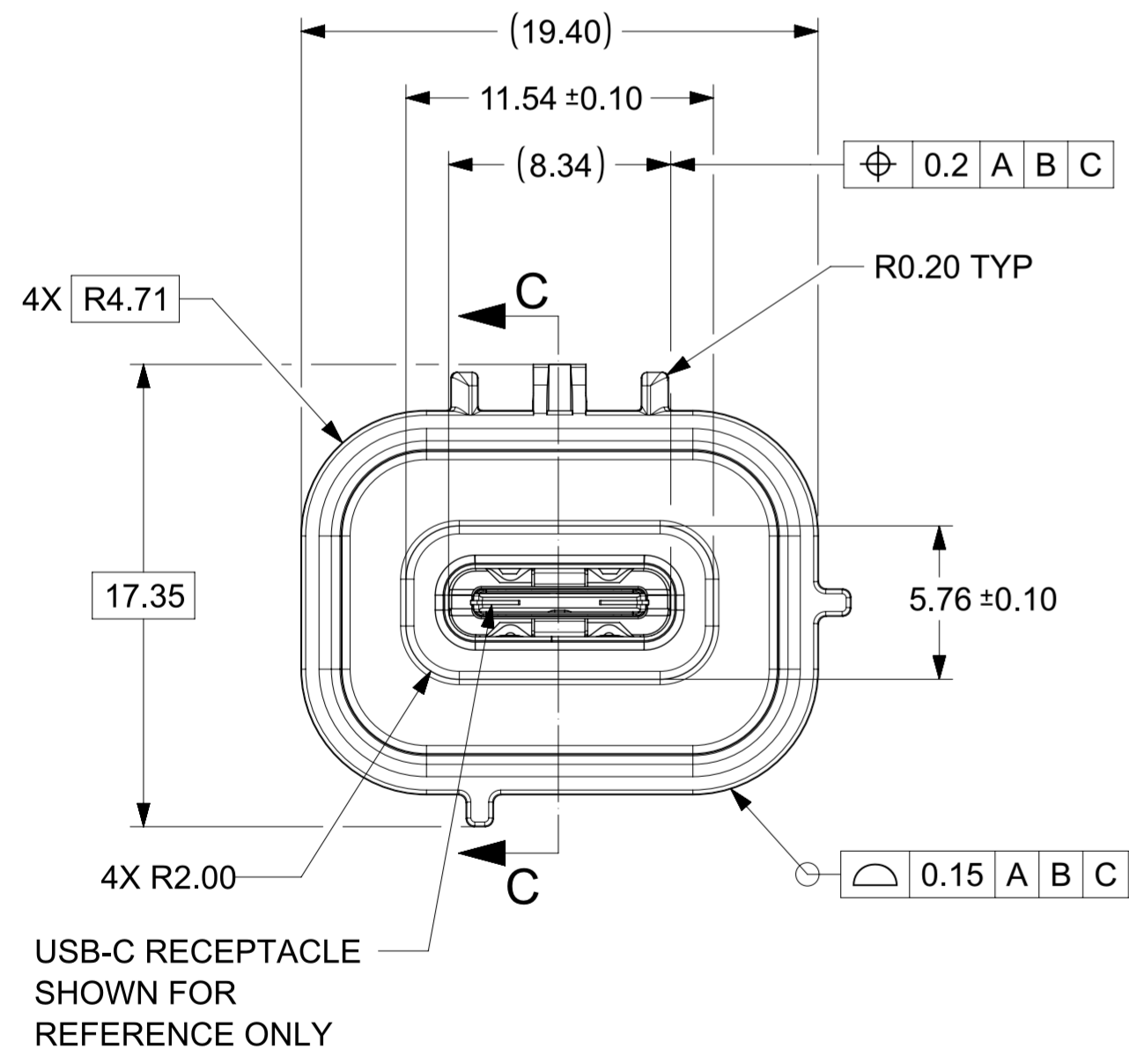
6000043138

-	A	INITIAL RELEASE	2024-05-23	ARUN	ADITH
CHANGE SERIAL #	REV.	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION		
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ± 1°					
<i>USCAR-EWCAP</i>					
SCALE	DRAWN BY	CHECKED BY	DATE		
1:1					
TITLE USB TYPE C SEALED					
SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING	REVISION LEVEL	
2 of 3	999-S-USB-Z02	A2	COMPUTER AIDED DRAWING	A	



DIMENSIONS REPRESENT THE CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD

NOTICE
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SECTION C-C

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-	A	INITIAL RELEASE	2024-05-23	ARUN	ADITH
CHANGE SERIAL #	REV.	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION		
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ± 1°					
<i>USCAR-EWCAP</i>					
SCALE	DRAWN BY	CHECKED BY	DATE		
1:1					
TITLE USB TYPE C SEALED					
SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING	REVISION LEVEL	
3 of 3	999-S-USB-Z02	A2	COMPUTER AIDED DRAWING	A	