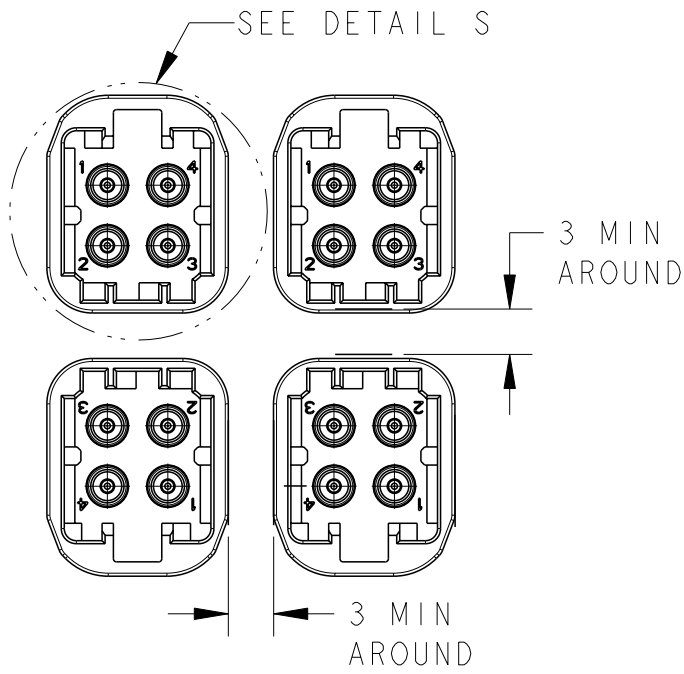
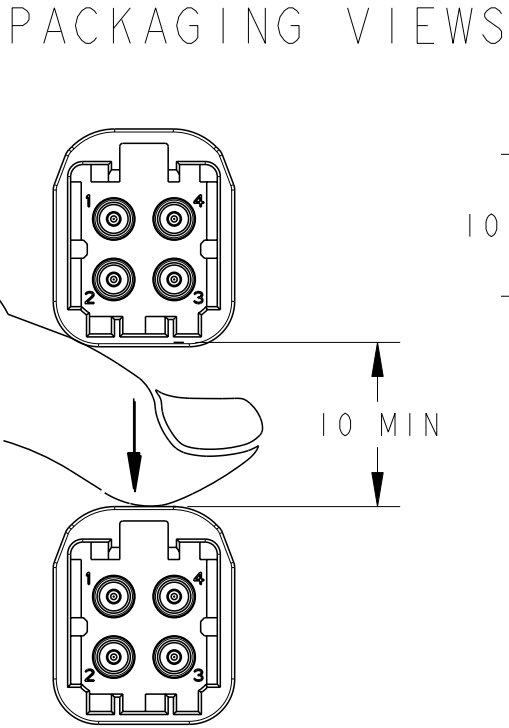


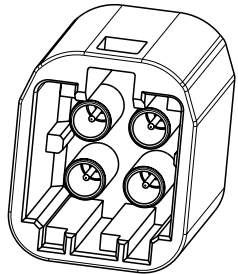
POLARIZATION CODING SCALE 2:1	
CODE A RIBS 1,3,5,7	CODE B RIBS 2,4,6,8
CODE C RIBS 1,3,6,8	CODE D RIBS 2,4,5,7
CODE E RIBS 3,4,7,8	CODE F RIBS 1,2,5,6



HOUSING PLACEMENT ON THE BOARD
SCALE 2:1
REQUIRED SPACE FOR ACTUATION
(CABLE CONNECTOR NEEDS TO BE CONSIDERED)



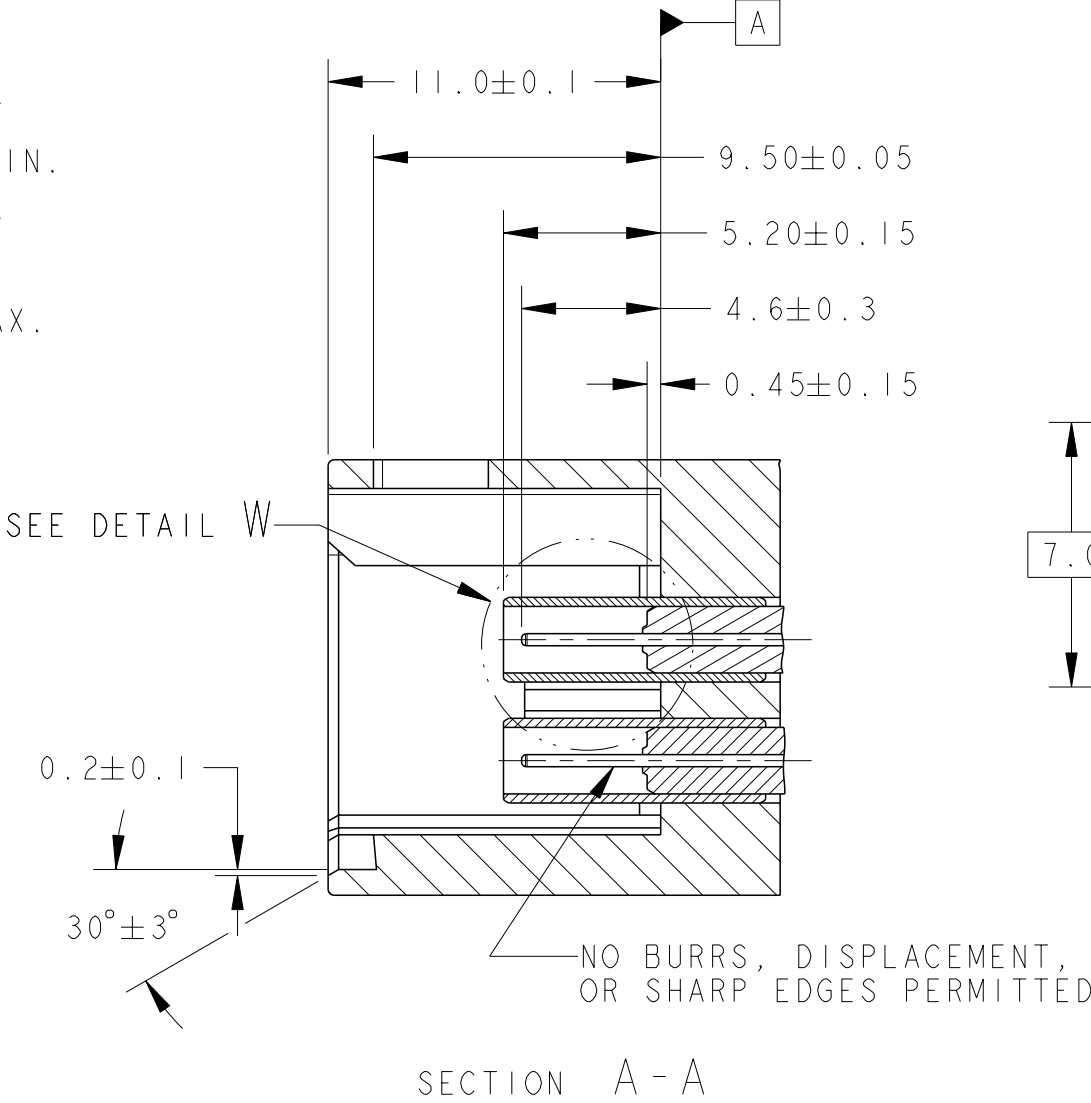
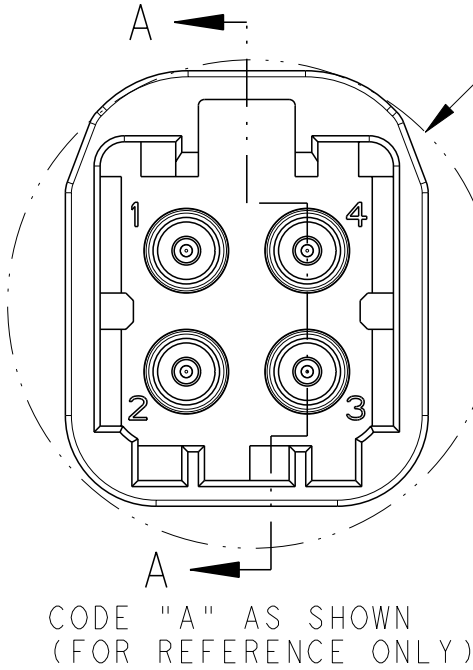
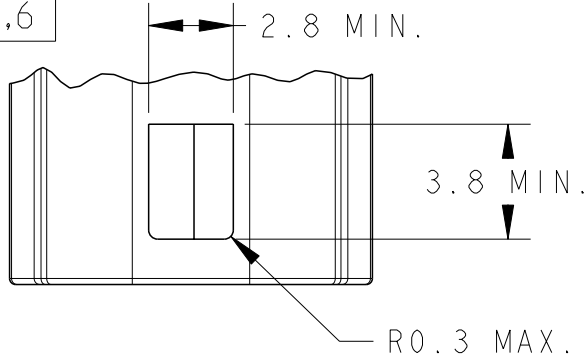
DETAIL S
SCALE 3:1
REQUIRED SPACE FOR ACTUATION
(CABLE CONNECTOR NEEDS TO BE CONSIDERED)



ISOMETRIC VIEW
SCALE 2:1

NOTICE

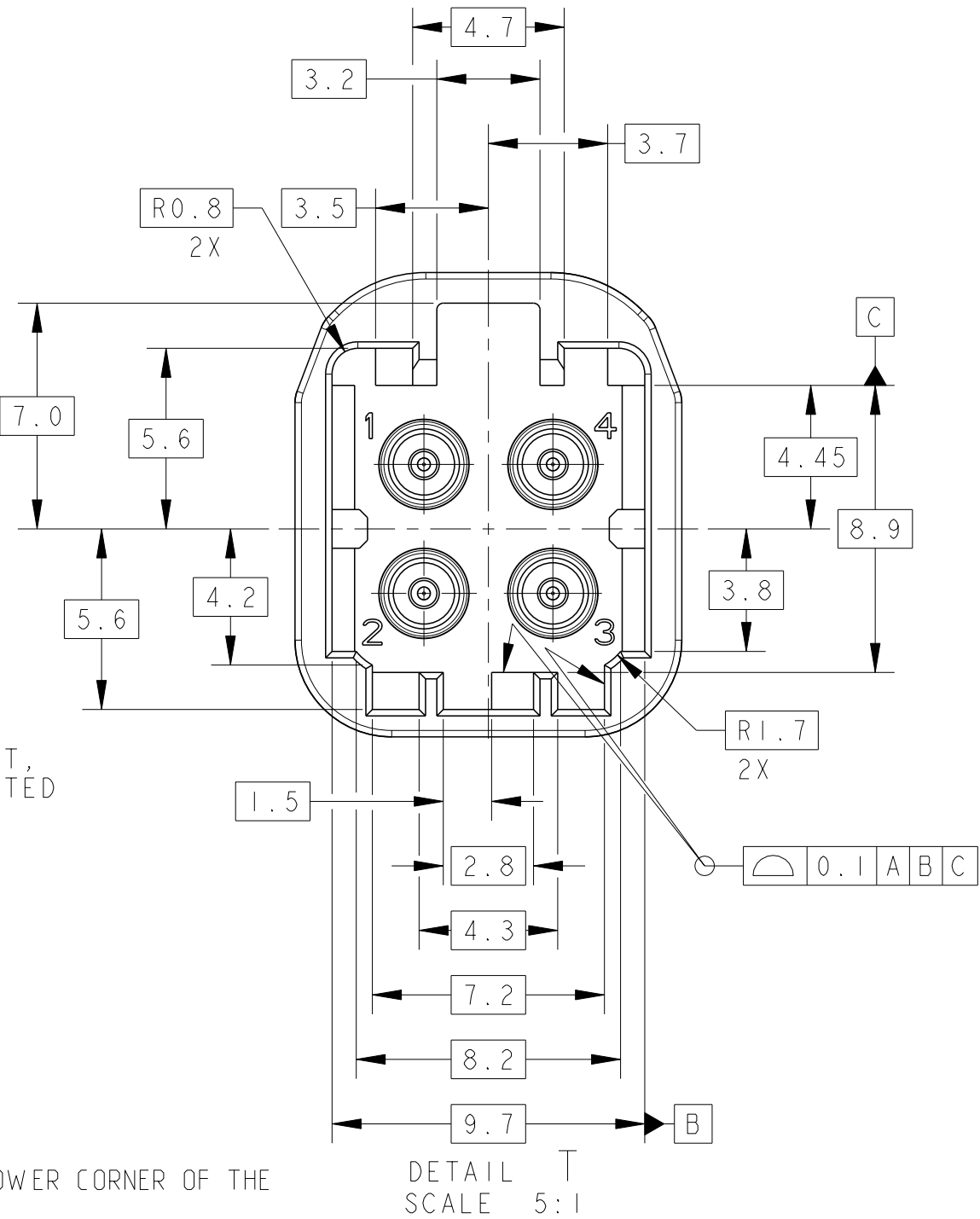
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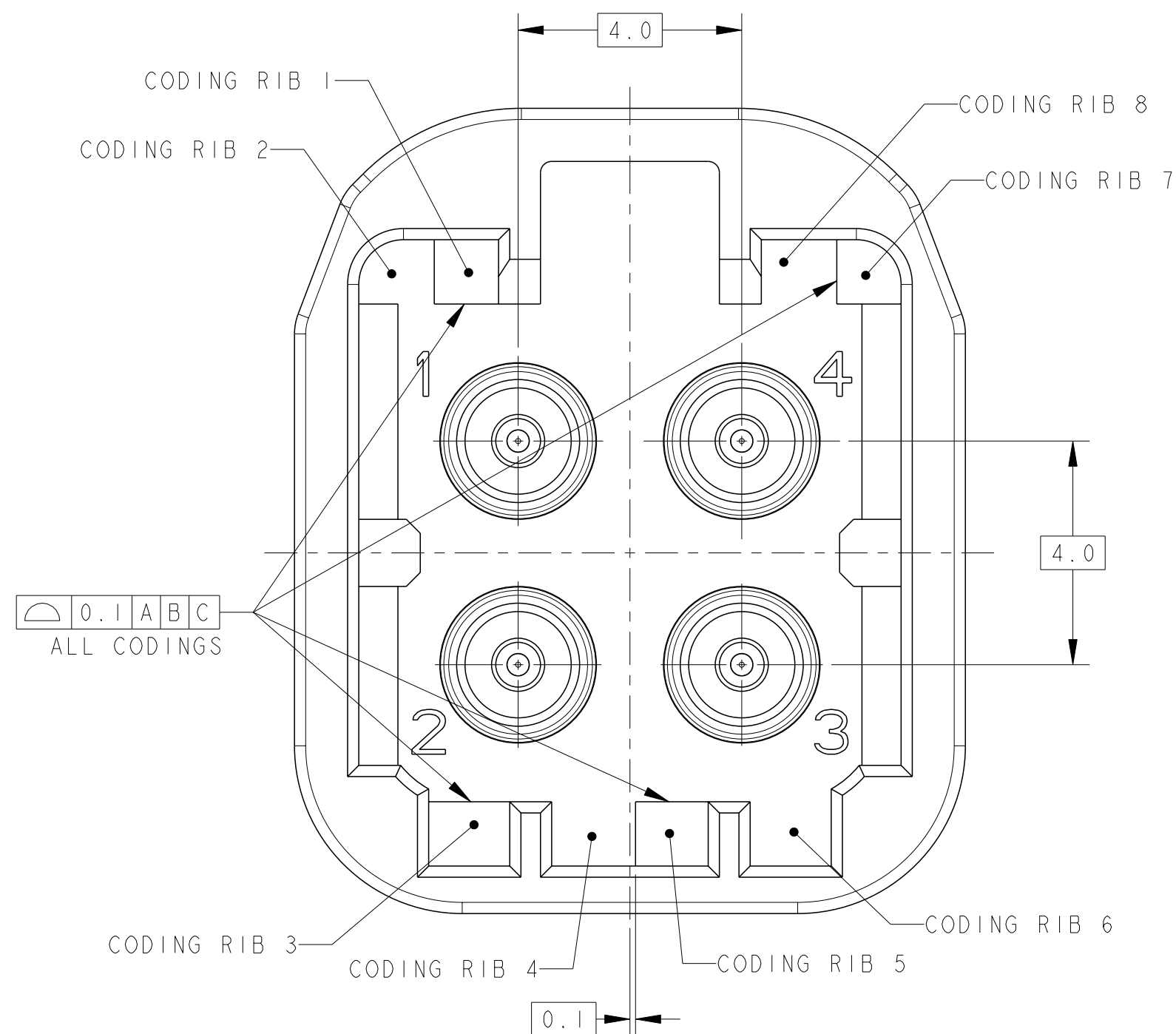
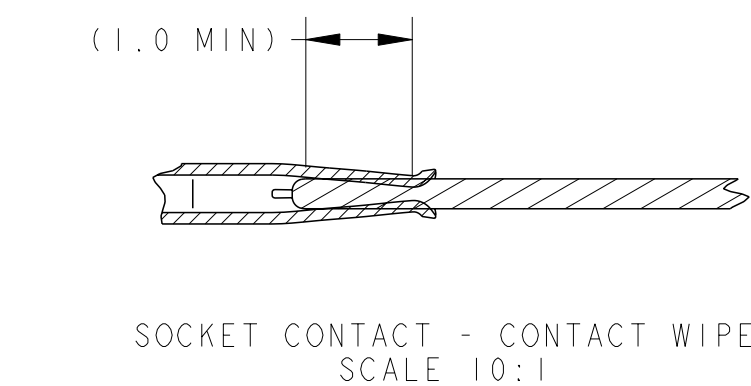


NOTES: UNLESS OTHERWISE SPECIFIED

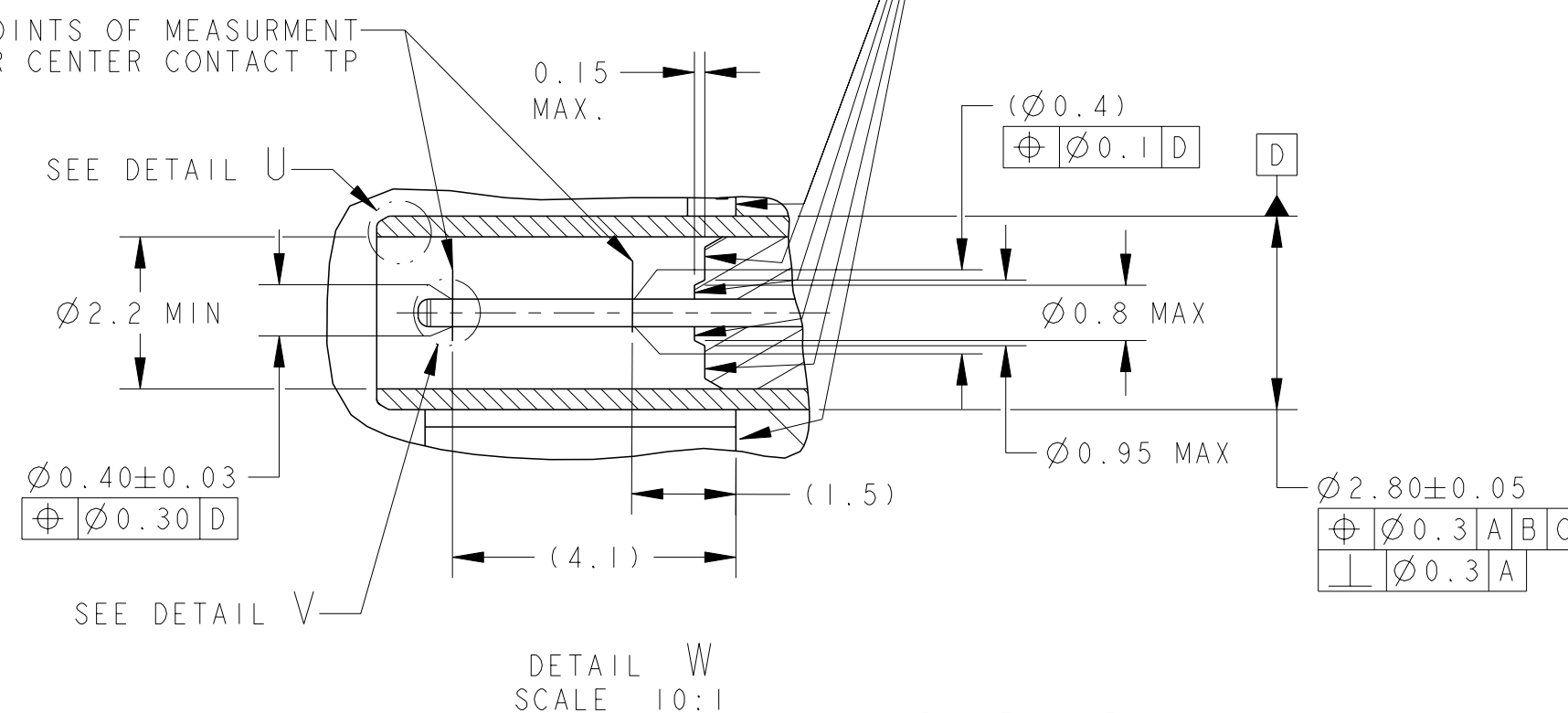
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M.
2. 0.25 MAX RADII ON ALL CORNERS SHOWN SHARP.
3. ALL UNSPECIFIED RADII 0.25 MAX.
4. STANDARD COLORS FOR POLARIZATION (SEE CHART IN LEFT LOWER CORNER OF THE DRAWING SHEET).
5. REFER TO "SAE/USCAR 12 CONNECTOR DESIGN CRITERIA" FOR ADDITIONAL REQUIREMENTS.
6. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
7. SYMBOL DENOTES DIMENSIONS THAT MAY BE UTILIZED TO MONITOR PART QUALITY.
8. WHEN USING SILVER PLATED TERMINALS, THE SILVER PLATING MUST STOP A MINIMUM OF 1mm FROM HEADER PLASTIC.
9. THIS INTERFACE DRAWING, WHEN CREATED, WAS COMPATIBLE WITH THE MATE-AX DESIGN FROM TE CONNECTIVITY

888-U-004-2-A03	A	JET BLACK
888-U-004-2-B03	B	PURE WHITE
888-U-004-2-C03	C	LIGHT BLUE
888-U-004-2-D03	D	CLARET VIOLET
888-U-004-2-E03	E	MAY GREEN
888-U-004-2-F03	F	NUT BROWN
EWCAP P/N	POLARITY	MATING CONNECTOR COLOR

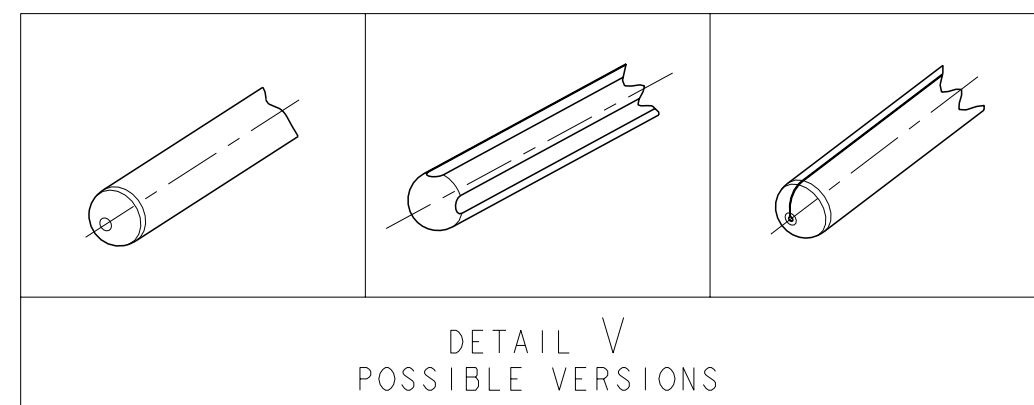
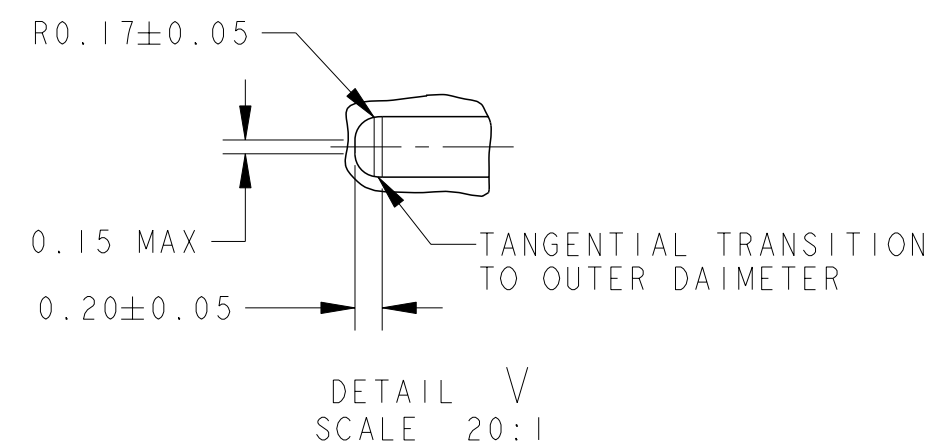




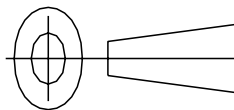
POINTS OF MEASUREMENT
FOR CENTER CONTACT TP



CONSTRUCTION BELOW THESE SURFACES IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THESE SURFACES PART MARKING IF PRESENT, MUST BE MOLDED BELOW FLUSH OF THESE SURFACES.



OPTION 1: 0.8µm MIN Sn OVER 1.0µm MIN Ni OPTION 2: HOT DIPPED 0.8µm MIN Sn	OUTER CONTACT
2.0µm MIN Ag OVER 1.0µm MIN Ni	INNER CONTACT
PLATING OF CONTACT AREA	

TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			
ANGLES $\pm 1^\circ$			
$X.X \pm 0.5$	$X.XX \pm 0.13$		
<h1>USCAR-EW CAP</h1>			
SCALE 4:1	DRAWN BY MAHANTAGOUDA	CHECKED BY JOHN HALL	DATE 04-08-20
TITLE MIN COAX INTERFACE, UNSEALED, 4 POS			
SHEET 2 OF 3	DRAWING NUMBER 888-U-004-2-Z03	SIZE A2	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING REVISION LEVEL 2



EWCAP LEGAL NOTICE
(REQUIRED ON ALL EWCAP DRAWINGS)
REVISION 7-18-2019

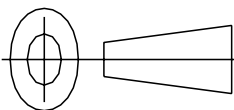
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APPLICABLE EWCAP DRAWING NUMBERS:

888-U-004-2-Z03



TOLERANCES (UNLESS OTHERWISE SPECIFIED)					
DIMENSIONS ARE IN MILLIMETERS					
ANGLES $\pm 1^\circ$					
X.X ± 0.1 X.XX ± 0.05					
USCAR-EWCAP					
SCALE	4:1	DRAWN BY	MAHANTAGOUDA	CHECKED BY	JOHN HALL
				DATE	04-08-20
TITLE					
MIN COAX INTERFACE, UNSEALED, 4 POS					
SHEET	DRAWING NUMBER			SIZE	DO NOT SCALE DRAWING
3 OF 3	888-U-004-2-Z03			A2	COMPUTER AIDED DRAWING
				REVISION	LEVEL
				2	2