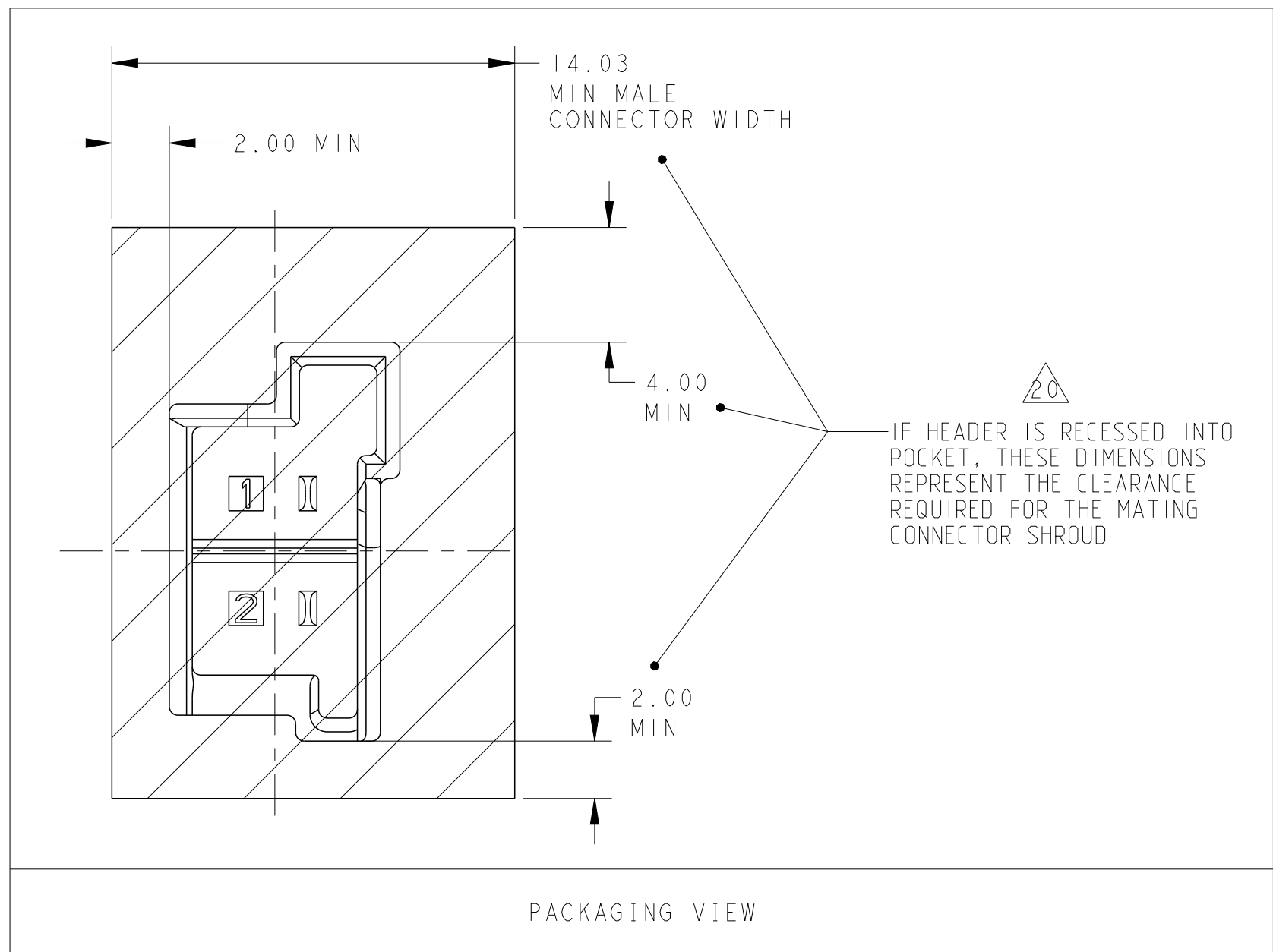











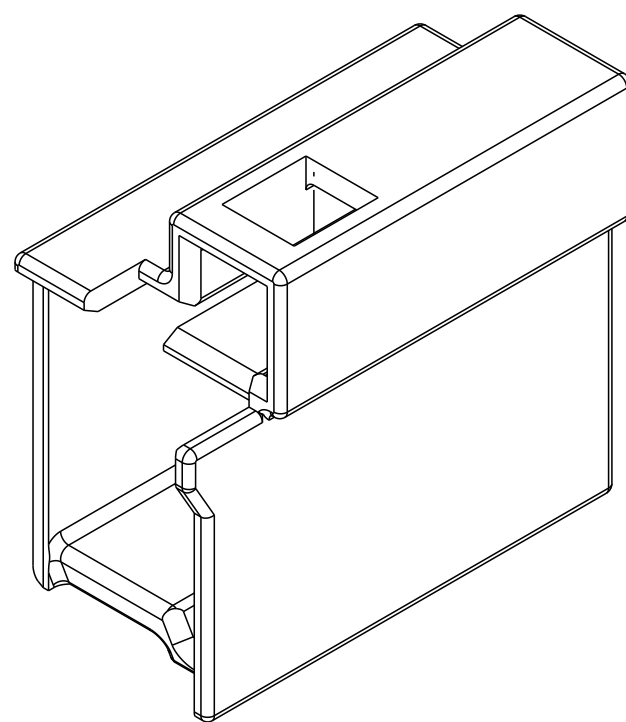


120-U-002-1-A01	A	BLACK
120-U-002-1-B01	B	LT. GRAY
120-U-002-1-C01	C	DK. GRAY
120-U-002-1-D01	D	BLACK
EWCAP P/N	POLARITY	MATING CONNECTOR COLOR



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M.
2. 0.25 RADII ON ALL CORNERS SHOWN SHARP
3. ALL UNSPECIFIED RADII 0.25.
4. STANDARD COLORS FOR POLARIZATION (SEE CHART IN LEFT LOWER CORNER OF THE DRAWING SHEET)
5. REFER TO "SAE/USCAR 12" FOR ADDITIONAL REQUIREMENTS. THIS EXCLUDES THE TERMINAL DESIGNATIONS BECAUSE THERE IS NO SIDE LATCH CRITERIA.
6. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
7.  SYMBOL INDICATES DRAFT DIRECTION
8.  FOR TERMINAL MATERIAL, DIMENSIONAL, AND OTHER REQUIREMENTS SEE EWCAP-001 TERMINAL 120-T002
9. TO CLAIM USCAR COMPLIANCE, PARTS PRODUCED TO THIS FOOTPRINT DRAWING MUST BE TESTED TO AND MEET THE REQUIREMENTS OF SAE/USCAR 2.
10.  SYMBOL DENOTES RECOMMENDED DIMENSIONS THAT MAY BE USED TO MONITOR PART QUALITY.
11.  CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURE MAY EXTEND ABOVE THE MINIMUM DIMENSION INDICATED FROM DATUM A.
12.  BACK ANGLE IS REQUIRED TO MEET THE CONNECTOR RETENTION FORCE SPECIFICATION.
13.  DIMENSIONS APPLY TO ALL KEYING OPTIONS
14. KEYING OPTION "A" SHOWN IN GENERAL VIEWS
15. INTERFACE MATES WITH TE FEMALE CONNECTOR DRAWING NUMBER 2289523.
16.  MEASUREMENT TO BE TAKEN AT PLANE 1
17.  MEASUREMENT TO BE TAKEN AT PLANE 2
18. ADDITIONAL DRAFT MAY BE PERMISSIBLE ABOVE PLANE 2
19. MATERIAL FLEXURAL MODULUS MUST BE GREATER THAN OR EQUAL TO 650,000 PSI
20.  IF HEADER IS RECESSED IN POCKET, DEPTH OF POCKET SHOULD NOT EXCEED 8.0mm



ISOMETRIC VIEW

NOTICE

THIS DRAWING, OR PORTIONS OF IT, ARE CONTROLLED BY THE ELECTRICAL WIRING COMPONENTS APPLICATION PARTNERSHIP (EWCAP), A SUBGROUP OF THE UNITED STATES COUNSEL FOR AUTOMOTIVE RESEARCH LLC (USCAR LLC).

USCAR IS A LLC CONSISTING OF MEMBERS FROM FCA US LLC, FORD MOTOR COMPANY, AND GM CORPORATION.

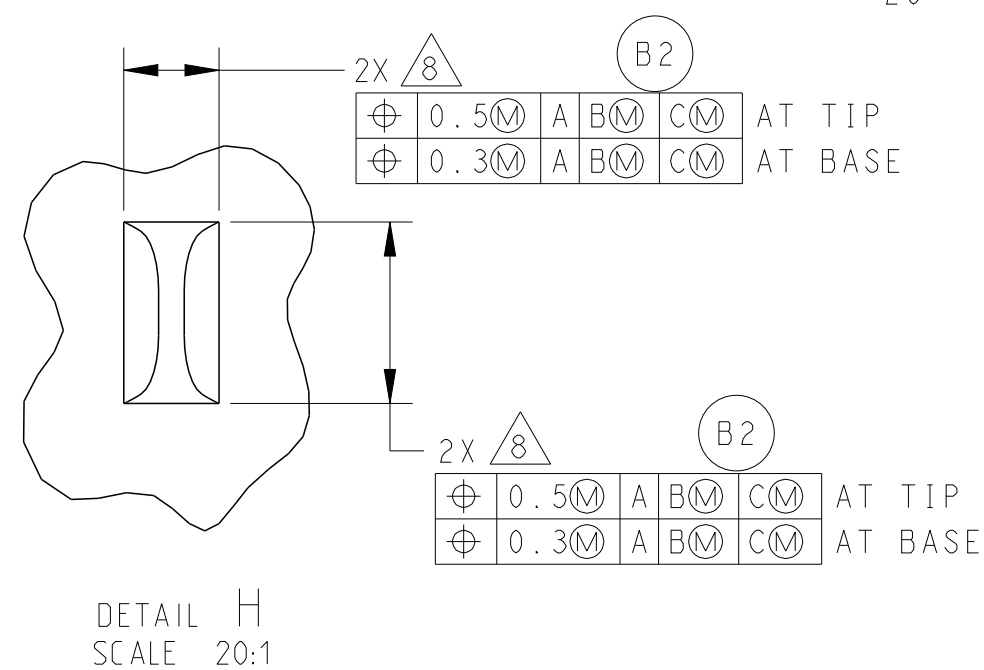
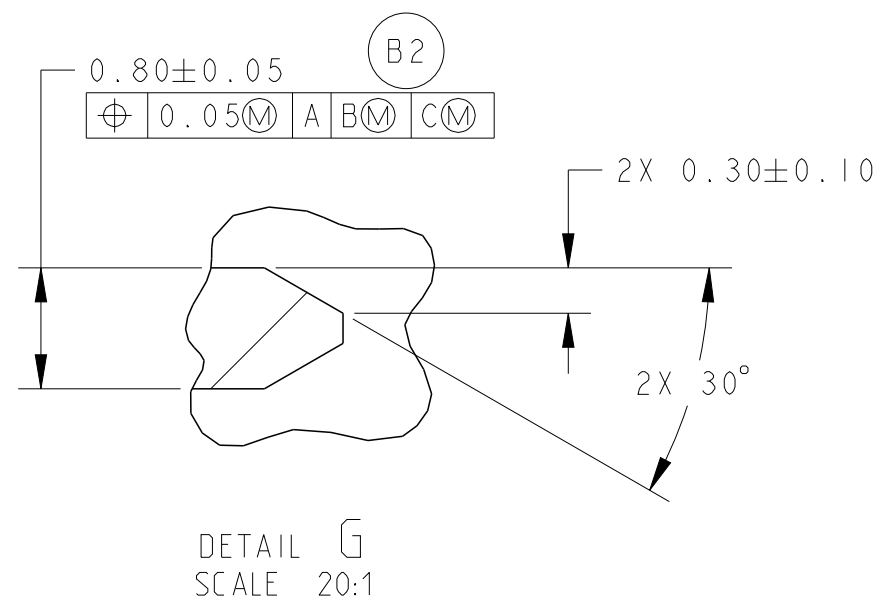
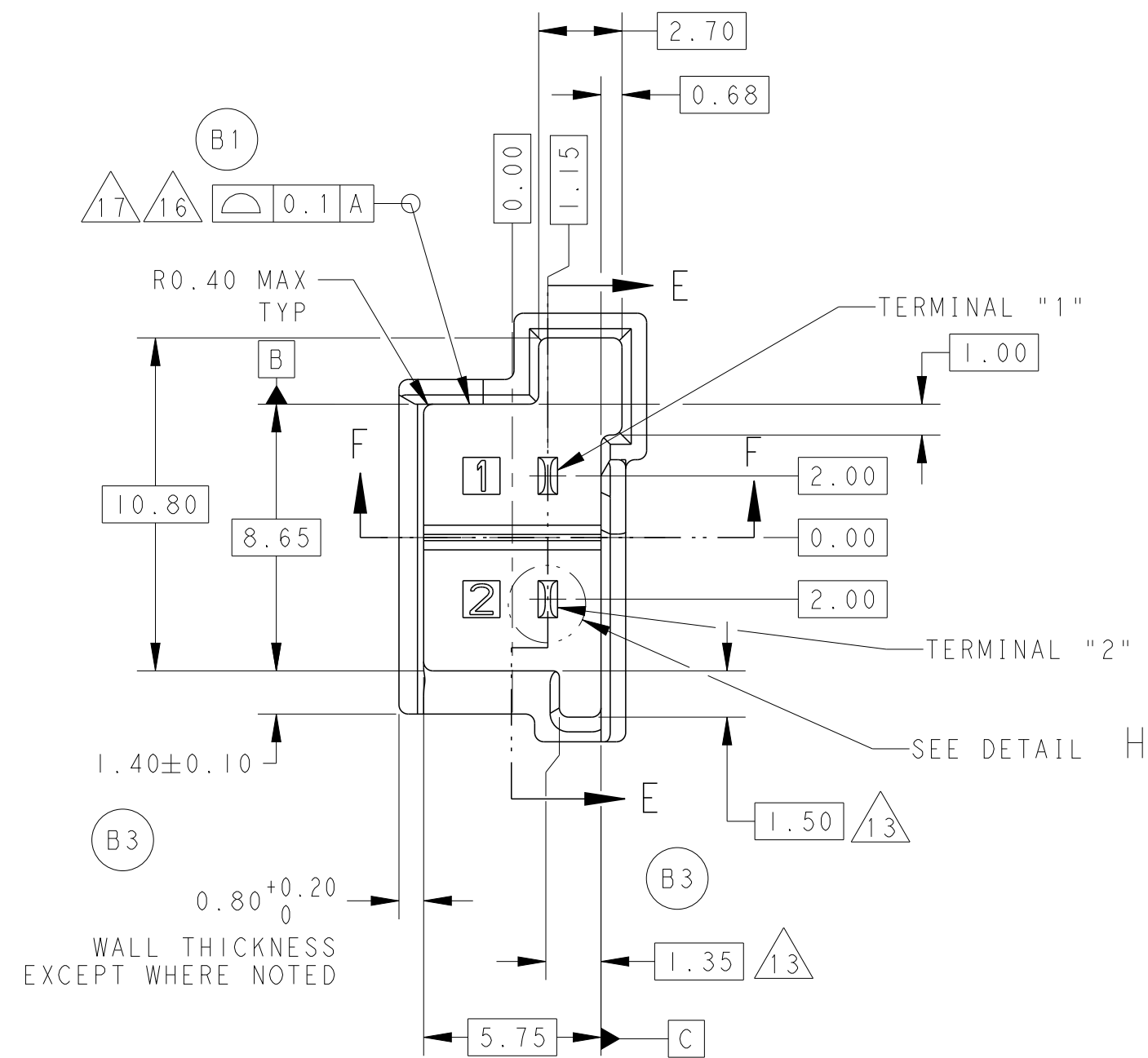
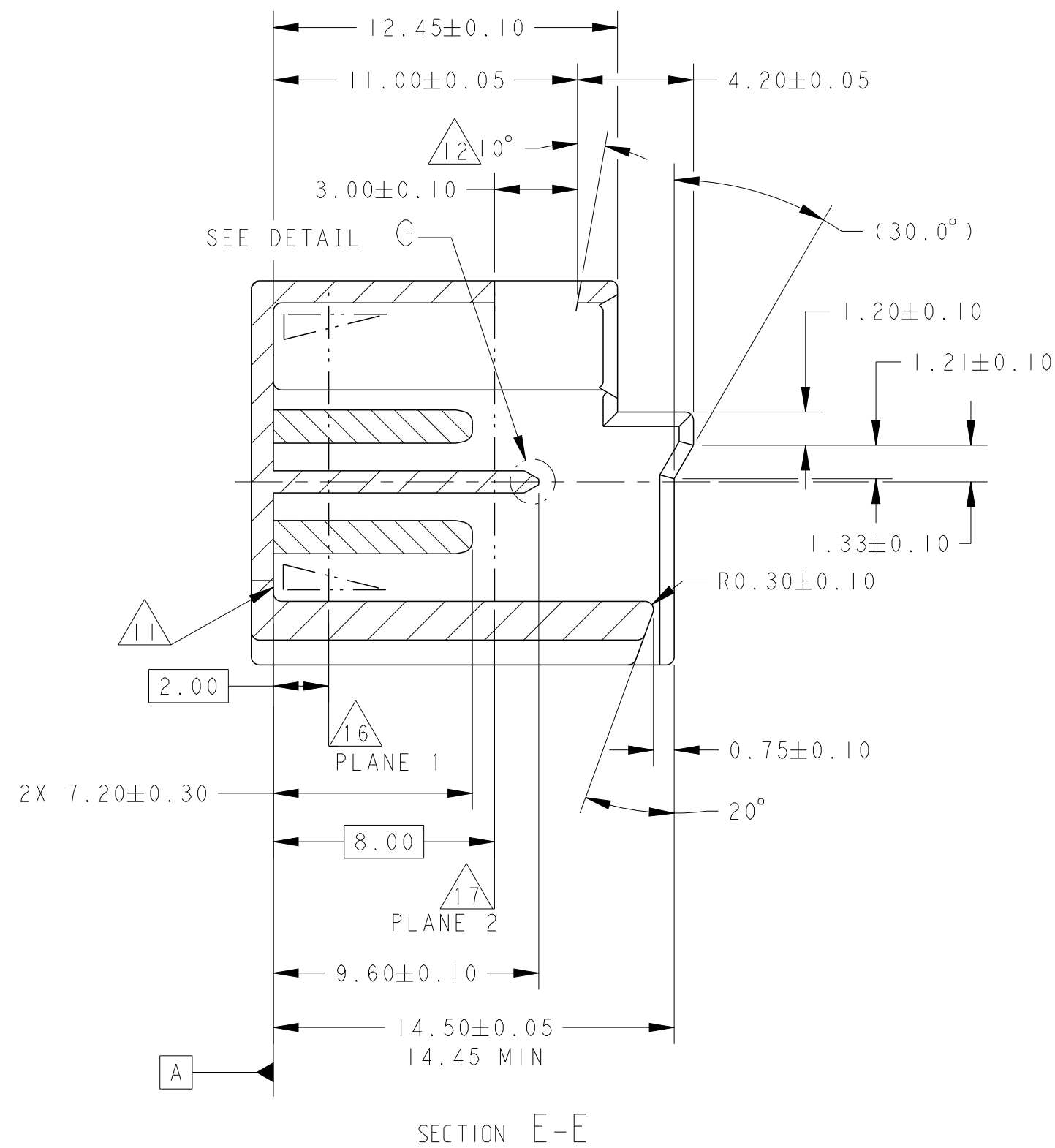
ANY CHANGE TO A EWCAP CONTROLLED PORTION OF THIS DRAWING, INCLUDING A "REVISION RECORD," MUST BE APPROVED, IN WRITING, BY THE RESPONSIBLE EWCAP REPRESENTATIVE FROM EACH USCAR MEMBER COMPANY. EACH EWCAP REPRESENTATIVE AUTHORIZED TO SIGN FOR HIS OR HER MEMBER COMPANY IS RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS WITHIN THAT COMPANY PRIOR TO SIGNING FOR THE APPROVAL OF THE CHANGE.

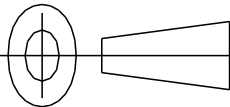
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(B 4)

B 4

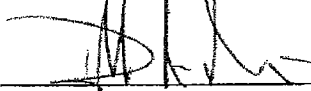
[illegible]



TOLERANCES (UNLESS OTHERWISE SPECIFIED)				<div>THIRD ANGLE PROJECTION</div> 	
DIMENSIONS ARE IN MILLIMETERS					
ANGLES \pm 3°					
USCAR-EW/CAP					
SCALE 5:1		DRAWN BY JRS		CHECKED BY PAUL D. ROMAN	
				DATE 02-04-15	
TITLE TRANSMISSION INTERFACE 2 POSITION, 1.20mm UNSEALED CAP					
SHEET 2 OF 3		DRAWING NUMBER 120-U-002-1-Z01		SIZE A2	
				DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	
				REVISION LEVEL B	

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 Tyco Electronics Corporation 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 selection, Tyco Electronics Corporation 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  for Tyco Electronics Corporation Date 10.04.2015

Name and title of signer: Driscoll A. Nina, VP & Chief Intellectual Property Counsel

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Applicable EWCAP Drawing Numbers:

120-U-002-1-Z01, Rev A

120-U-004-1-Z01, Rev A.