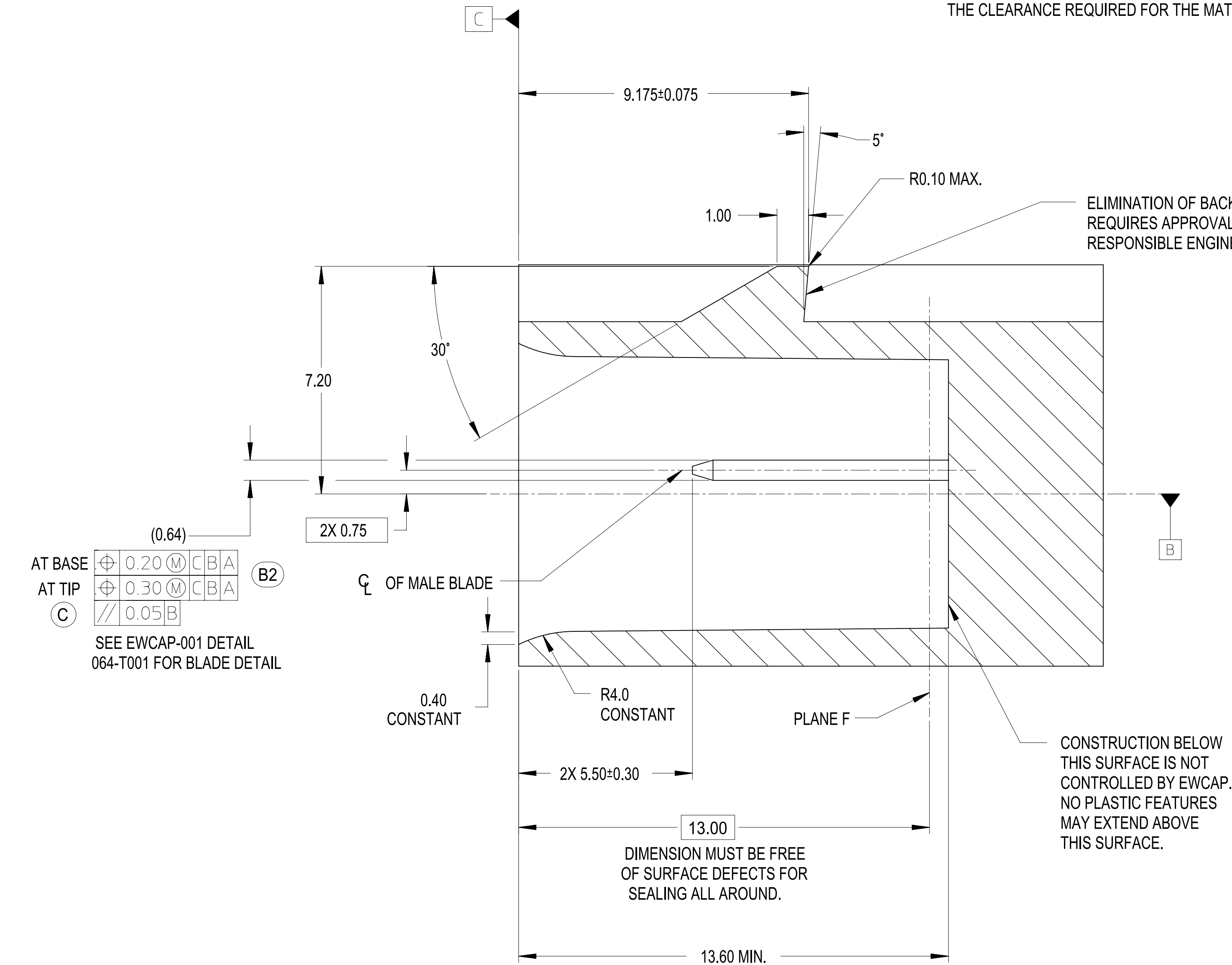
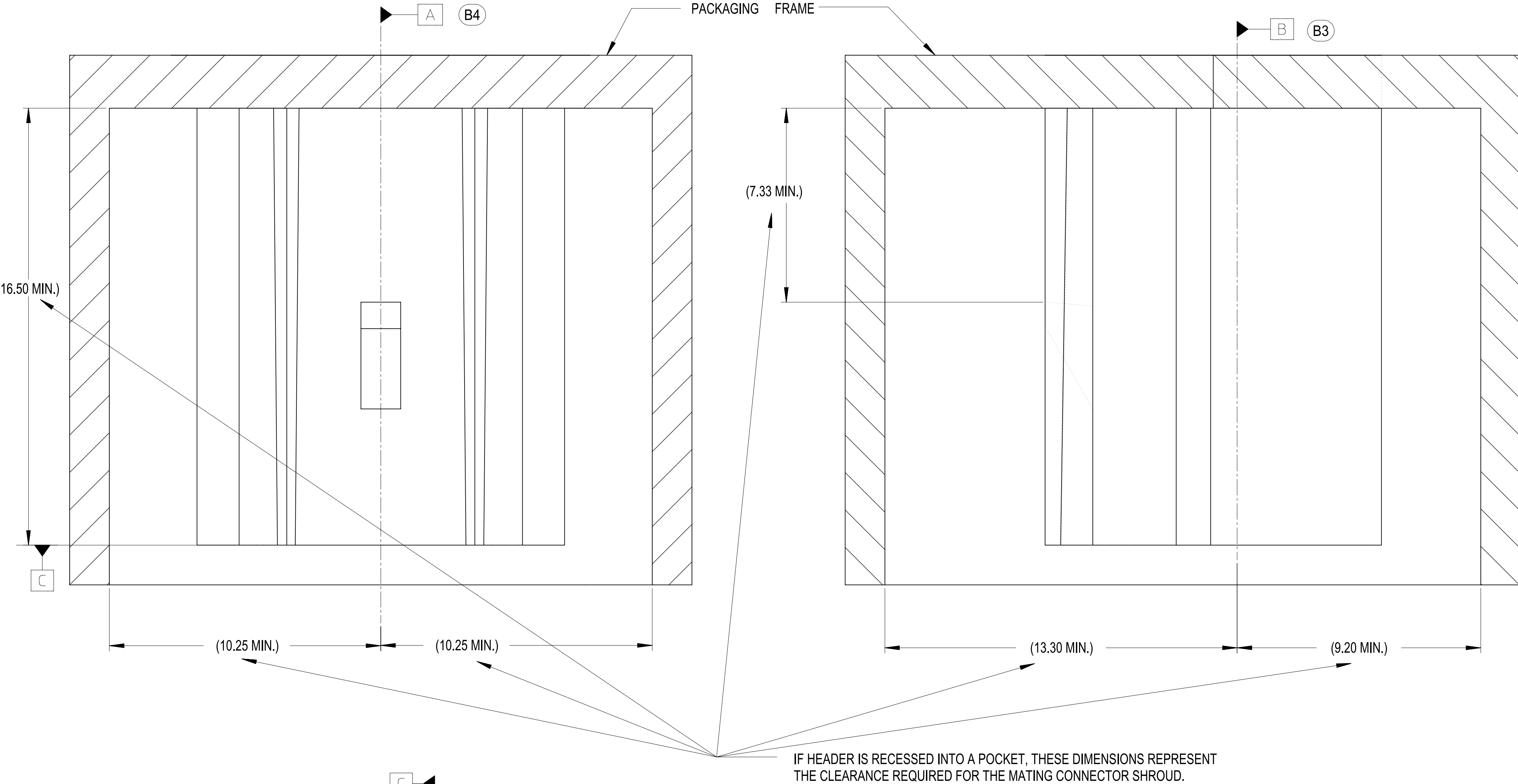
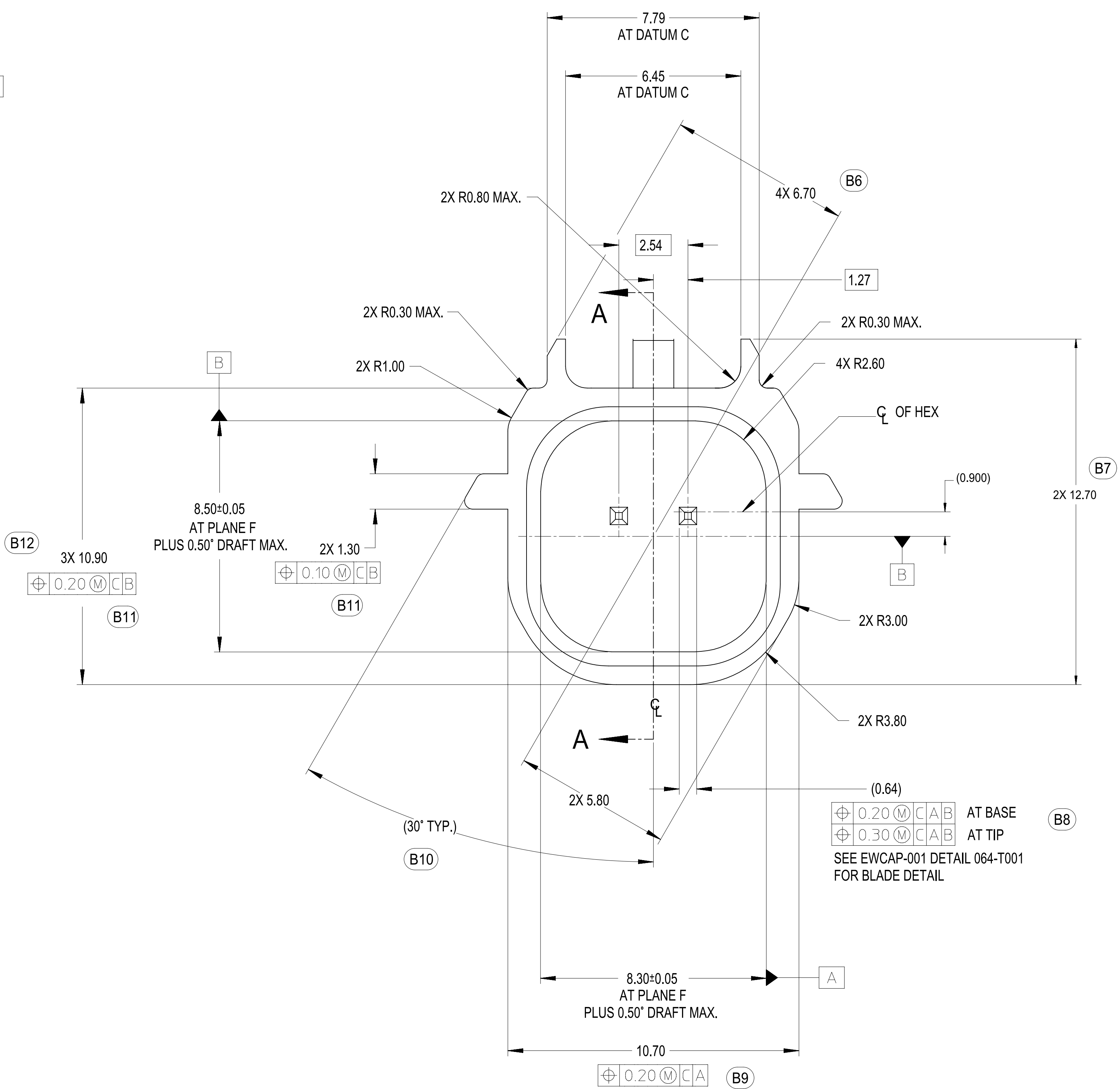
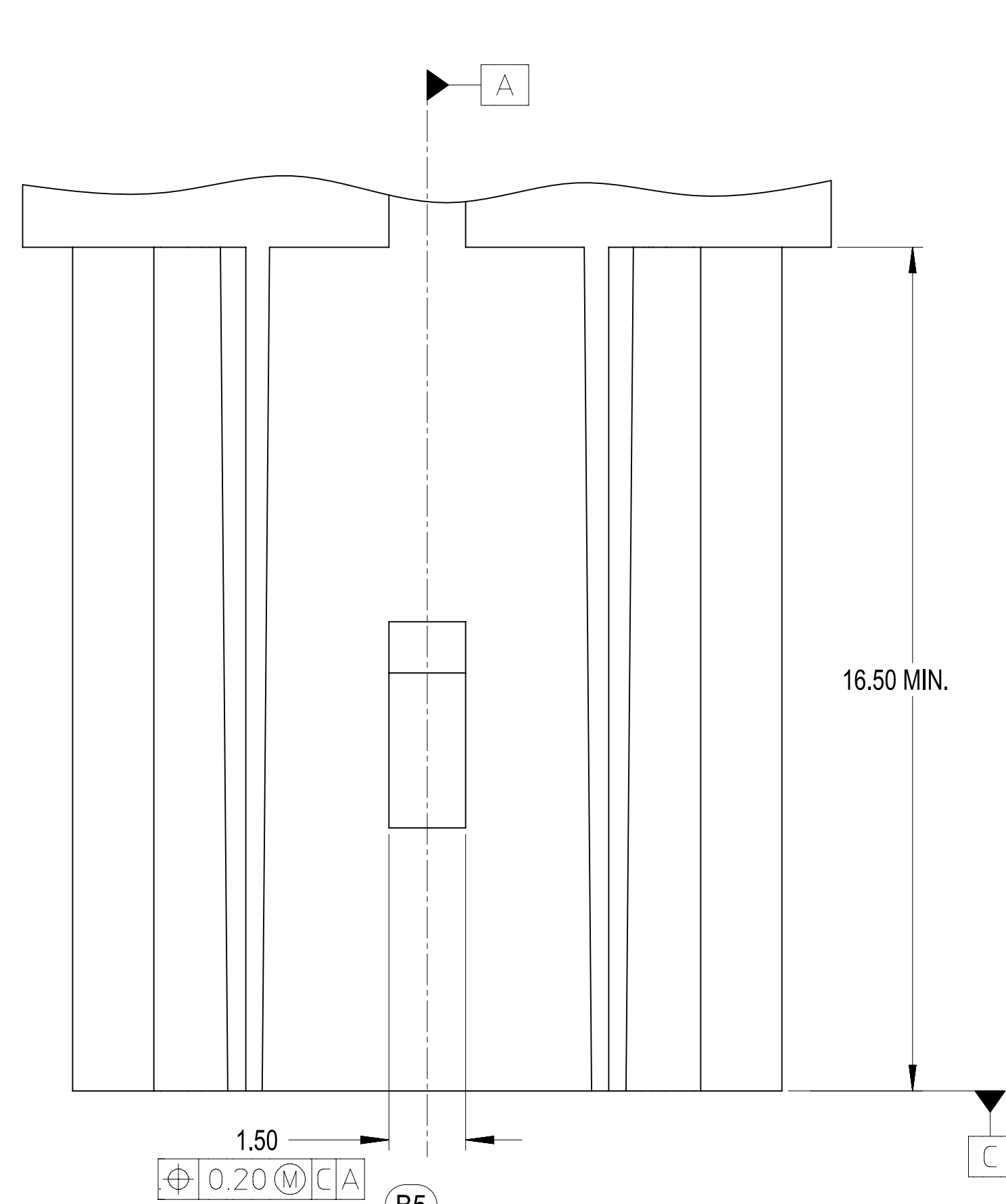
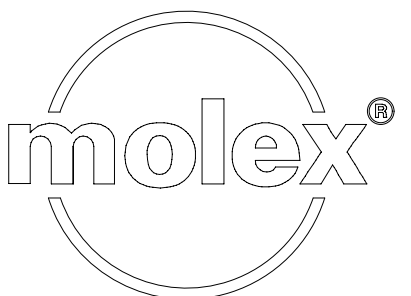


064-S-002-1-D02	D	BLACK	D3
064-S-002-1-C02	C	DK. GRAY	D2
064-S-002-1-B02	B	LT. GRAY	D1
064-S-002-1-A02	A	BLACK	
EWCAP PIN	OPTION	MATING CONNECTOR COLOR	



SECTION A-A  
SCALE 10:1

- NOTES: UNLESS OTHERWISE SPECIFIED
- ALL DIMENSIONS SHOWN IN MILLIMETERS.
  - DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
  - 0.50° MAXIMUM DRAFT ANGLE.
  - DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.
  - ALL UNSPECIFIED RADII: 0.30 MAX.
  - STANDARD COLORS FOR POLARIZATION - DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
  - A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THROUGH D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO 'SAE/USCAR-12 CONNECTOR DESIGN GUIDELINES' FOR ADDITIONAL INFORMATION.
  - SECTION A-A IS COMMON TO ALL OPTIONS.
  - FOR PIN GEOMETRIC AND PLATING REQUIREMENTS, REFER TO EWCAP DWG. NO. EWCAP-001, DETAIL 064-T001.
  10. POLARIZATION EFFECTIVENESS PER USCAR-2 REV. 4 PARAGRAPH 5.4.4 IS REDUCED TO 120 N WHEN TESTING ALL KEY OPTIONS.



157	D3	CHANGED COLOR, BLACK WAS GREEN			
	D2	CHANGED COLOR, DK. GRAY WAS BROWN			
	D1	CHANGED COLOR, LT. GRAY WAS GRAY	08-12-19		
	C	ADDED PARALLELISM CONTROL	09-28-16	RC	RCB
083	B17	ADDED 2X 5.83 DIM. TO OPTION D POLARIZATION			
	B16	ADDED 7.20 & 6.33 DIM. TO OPTION C POLARIZATION			
	B15	ADDED 7.20 & 6.33 DIM. TO OPTION B POLARIZATION			
	B14	ADDED 2X 6.70 DIM. TO OPTION A POLARIZATION VIEWS			
	B12	ADDED 3X TO 10.90 DIM.			
	B11	CHANGED ORDER OF DATUMS, [C B] WAS [B C] IN FCF			
	B10	REMOVED 6X 6.70, ADDED (30° TYP.)			
	B9	CHANGED ORDER OF DATUMS, [C A] WAS [A C] IN FCF			
	B8	CHANGED ORDER OF DATUMS, [C A B] WAS [A B C] IN FCF			
	B7	CHANGED (3X 12.70) TO 2X 12.70			
A	B6	ADDED DIMENSION 4X 6.70			
	B5	CHANGED ORDER OF DATUMS, [C A] WAS [A C] IN FCF			
	B4	DATUM REFERENCE A WAS B			
	B3	DATUM REFERENCE B WAS C			
LET	B2	CHANGED ORDER OF DATUMS, [C B A] WAS [A B C] IN FCF			
	B1	ADDED 'REV. 4'			
	A	INITIAL RELEASE	11-18-04	RC	JC
CHANGE SERIAL NUMBER	157	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)					
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ± 2°					
X.X ±0.25 X.XX ±0.10					
THIRD ANGLE PROJECTION					
USCAR-EWCAP					
SCALE 10 - 1 DRAWN BY R. CARLSON CHECKED BY J. CHILDS DATE 03-30-04					
TITLE DIRECT CONNECT INTERFACE 2 WAY (1 X 2) 0.64 mm SEALED MALE					
SHEET 1 OF 1 DRAWING NUMBER 064-S-002-1-D02 SIZE E DO NOT SCALE DRAWING COMPUTER AIDED DRAWING REVISION LEVEL D					