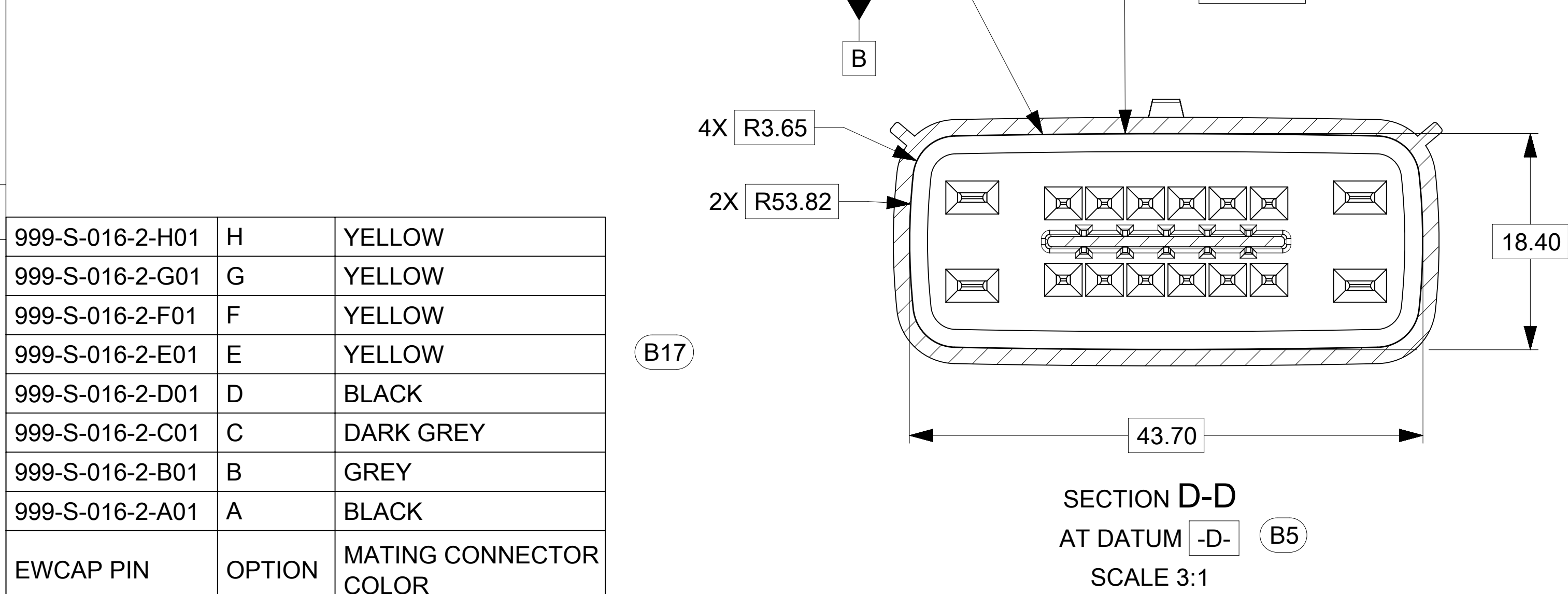
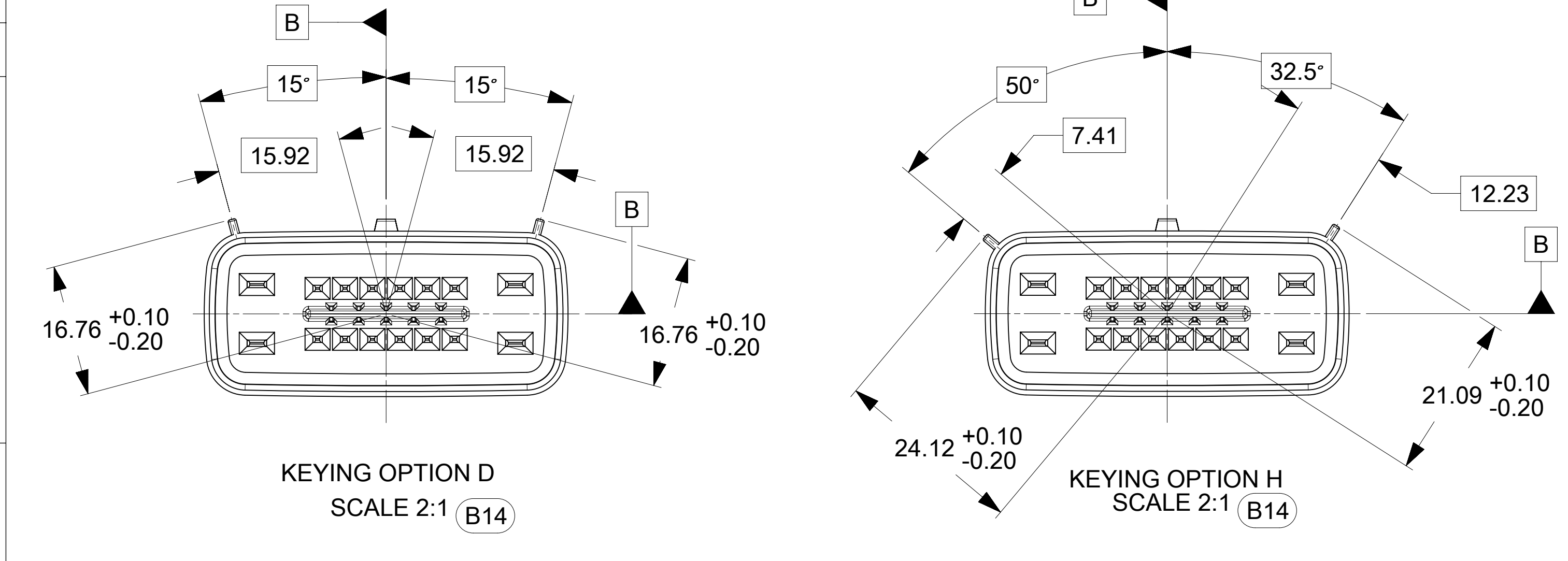
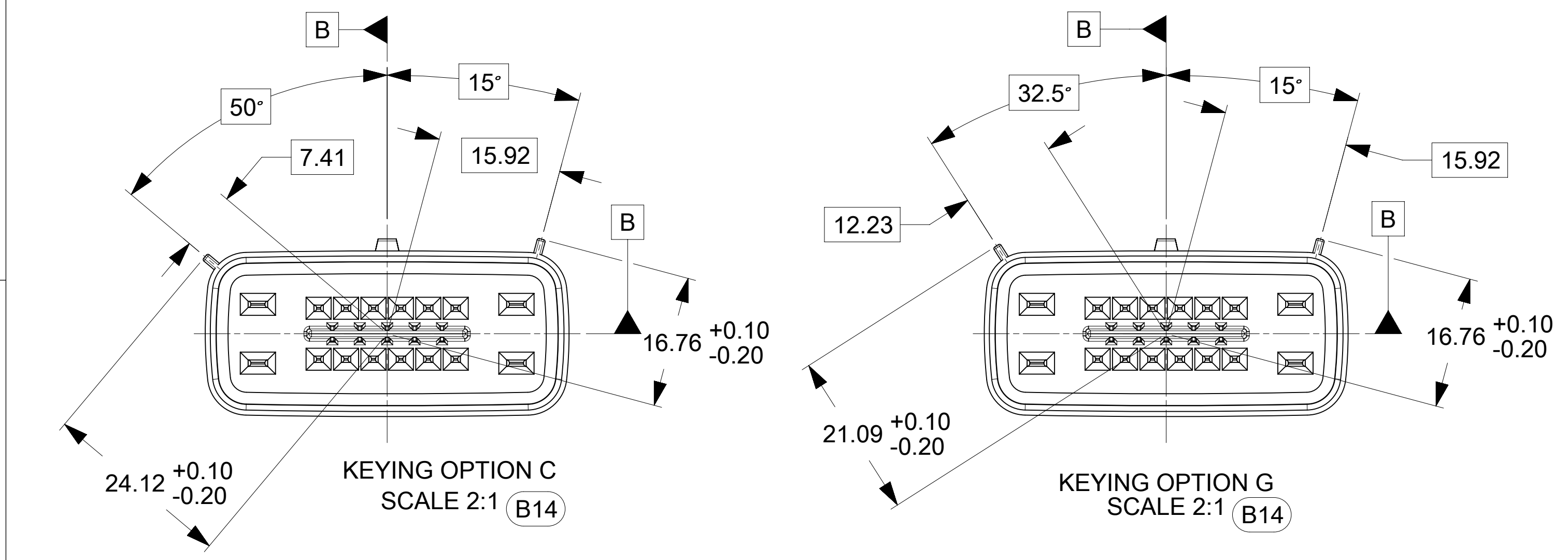
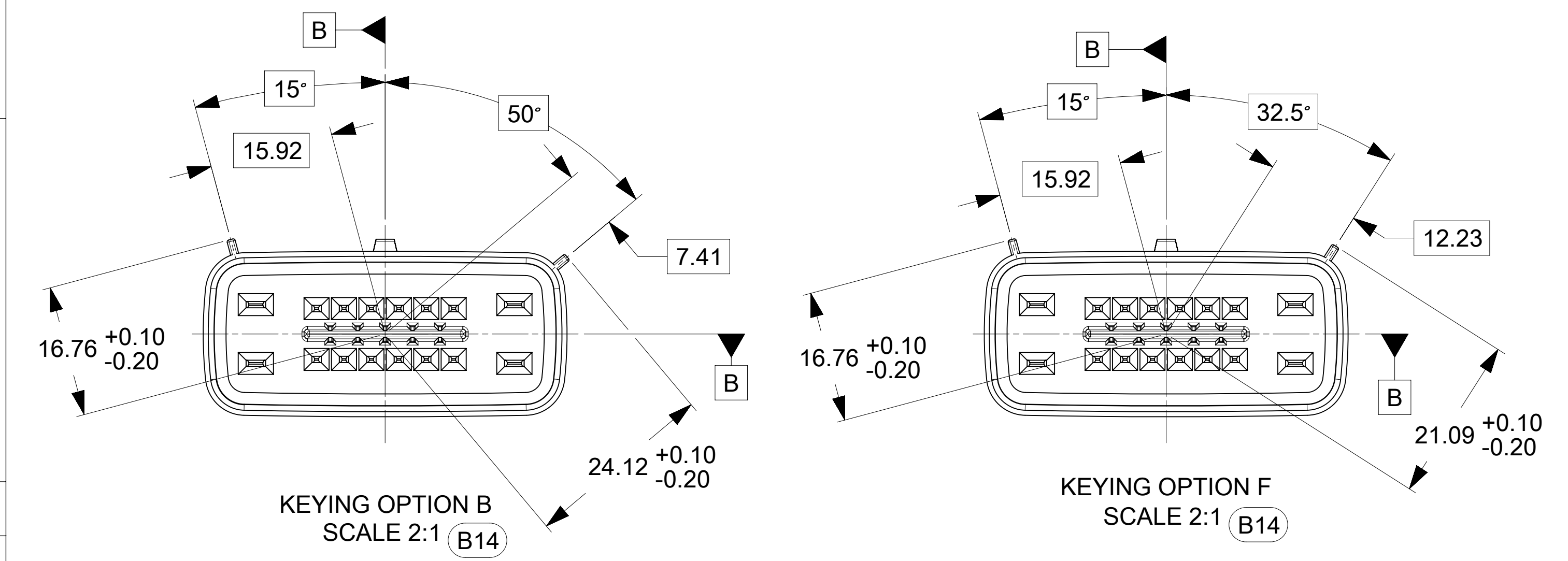
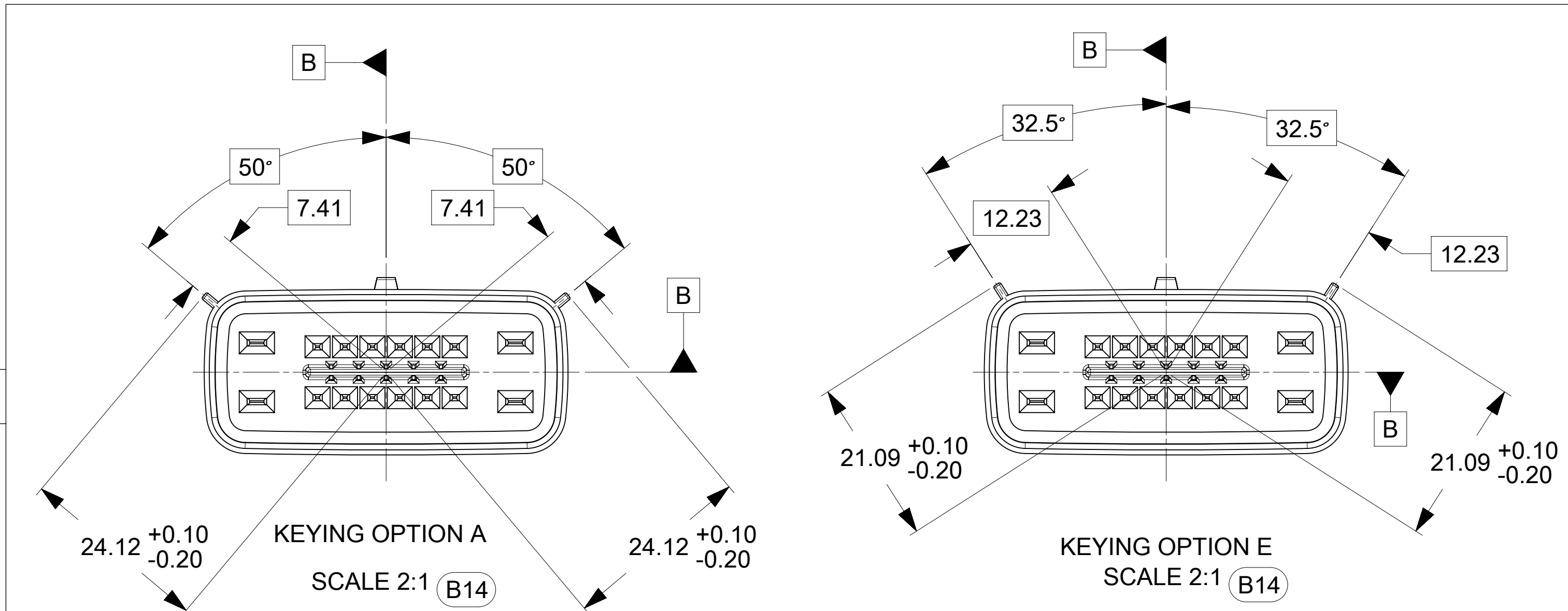
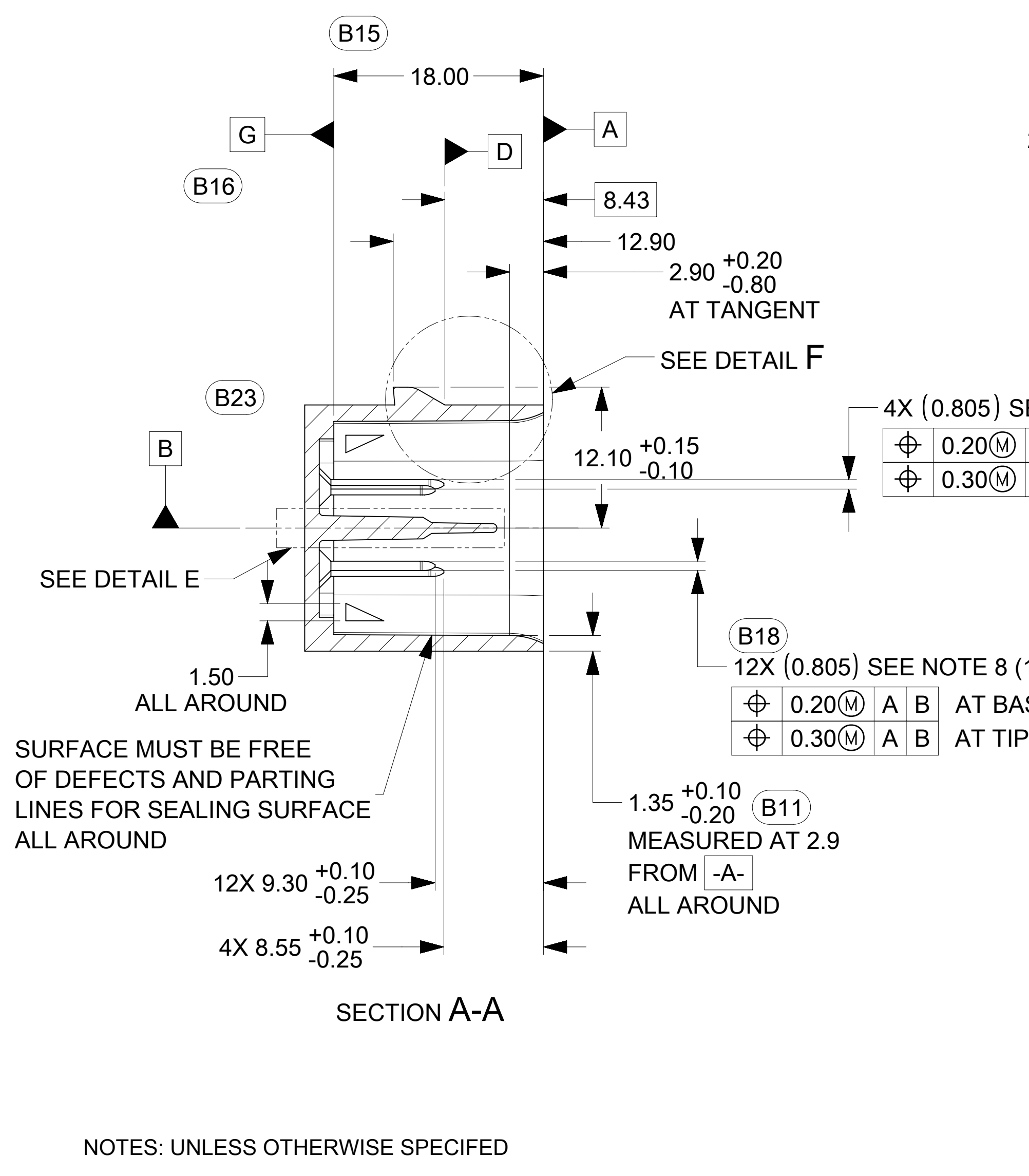
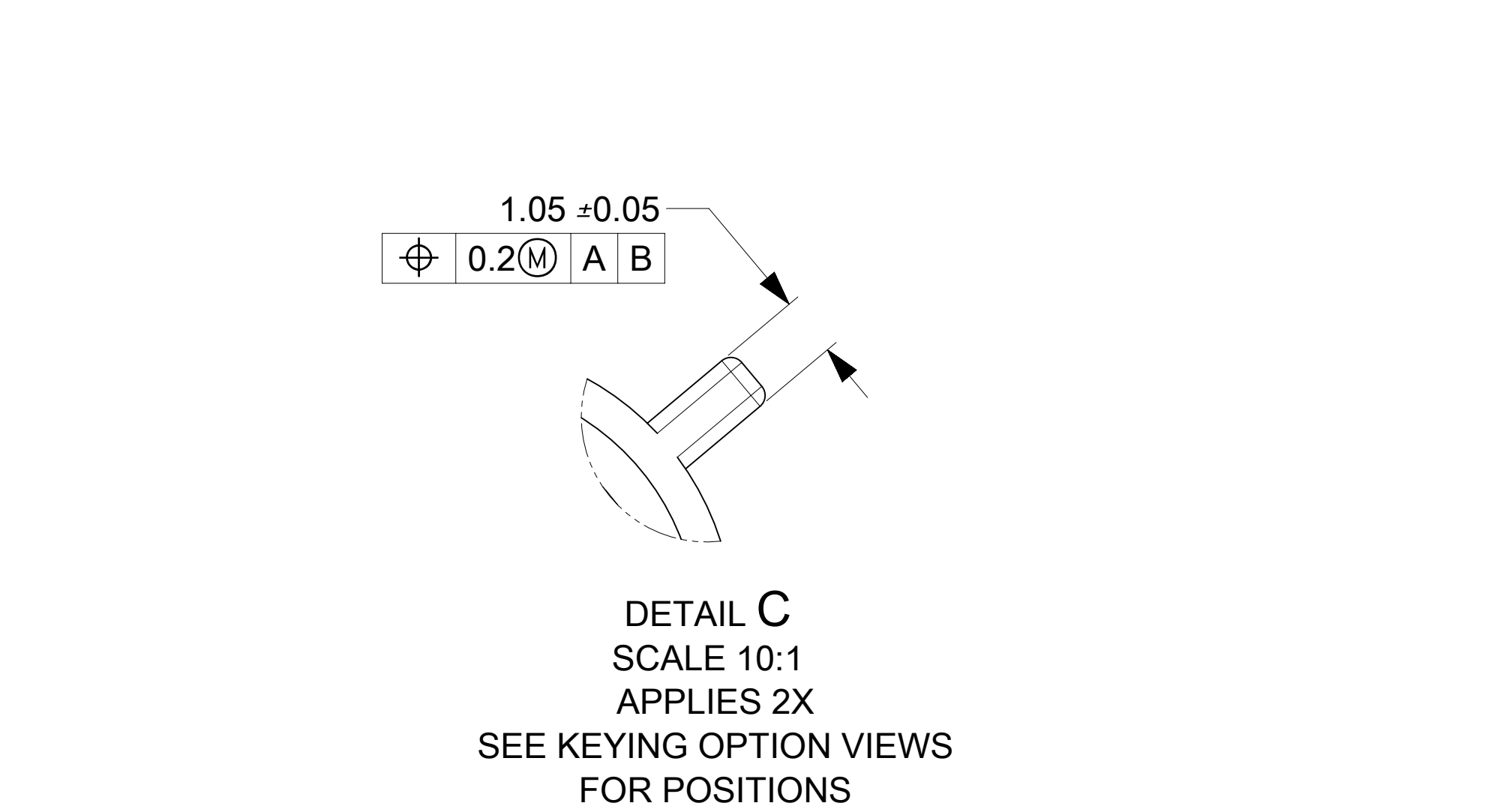
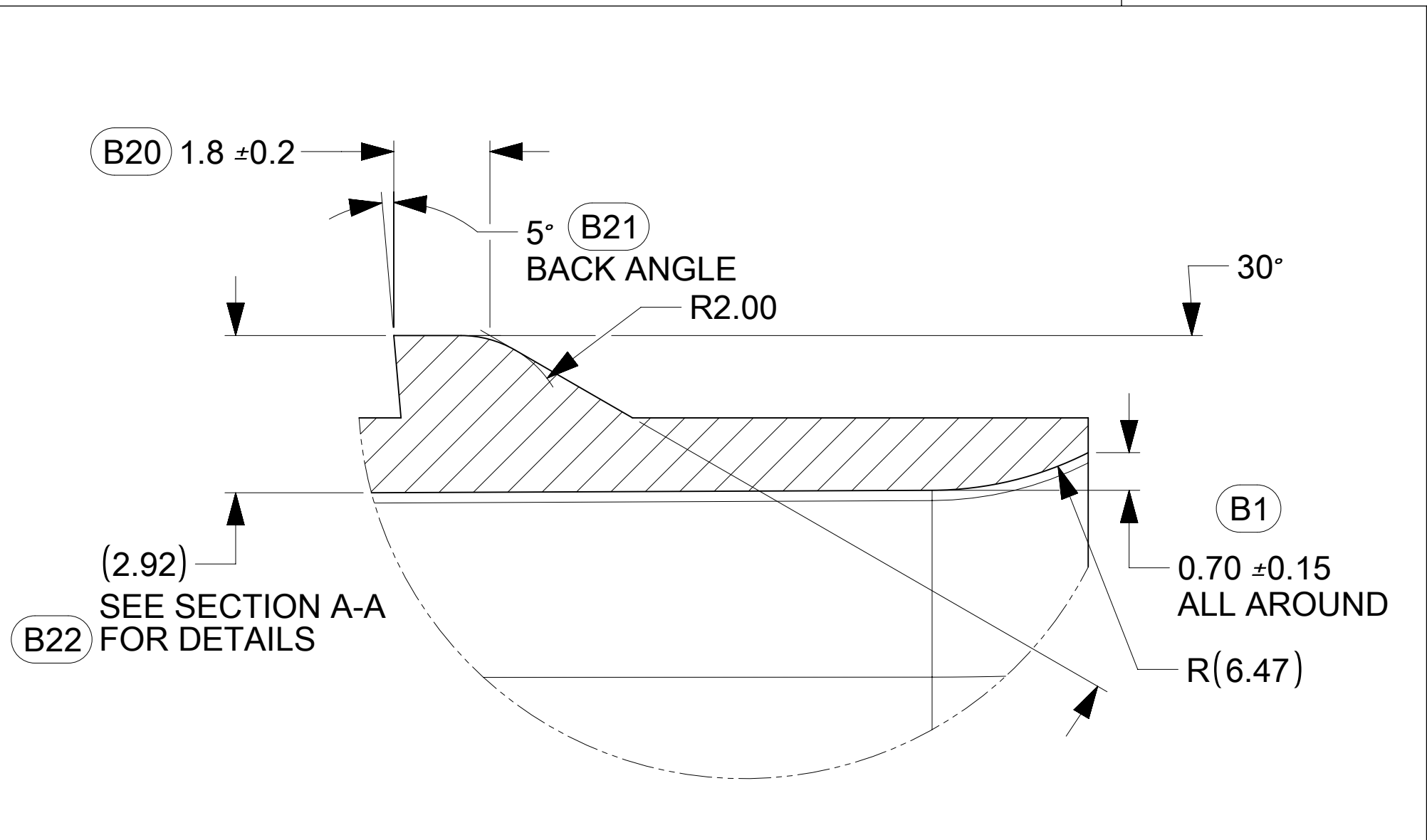


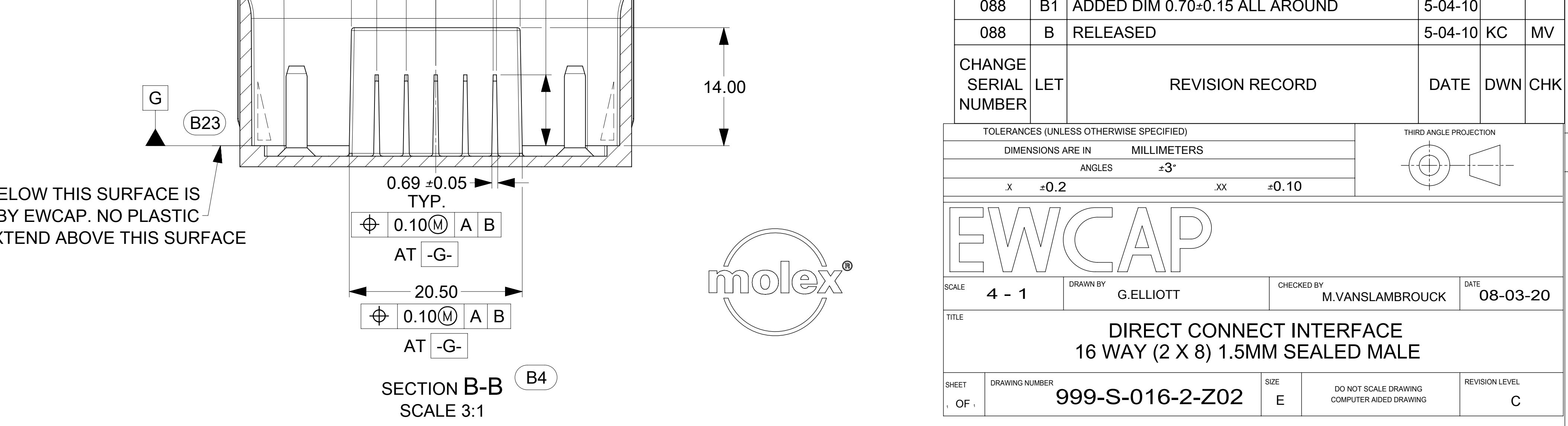
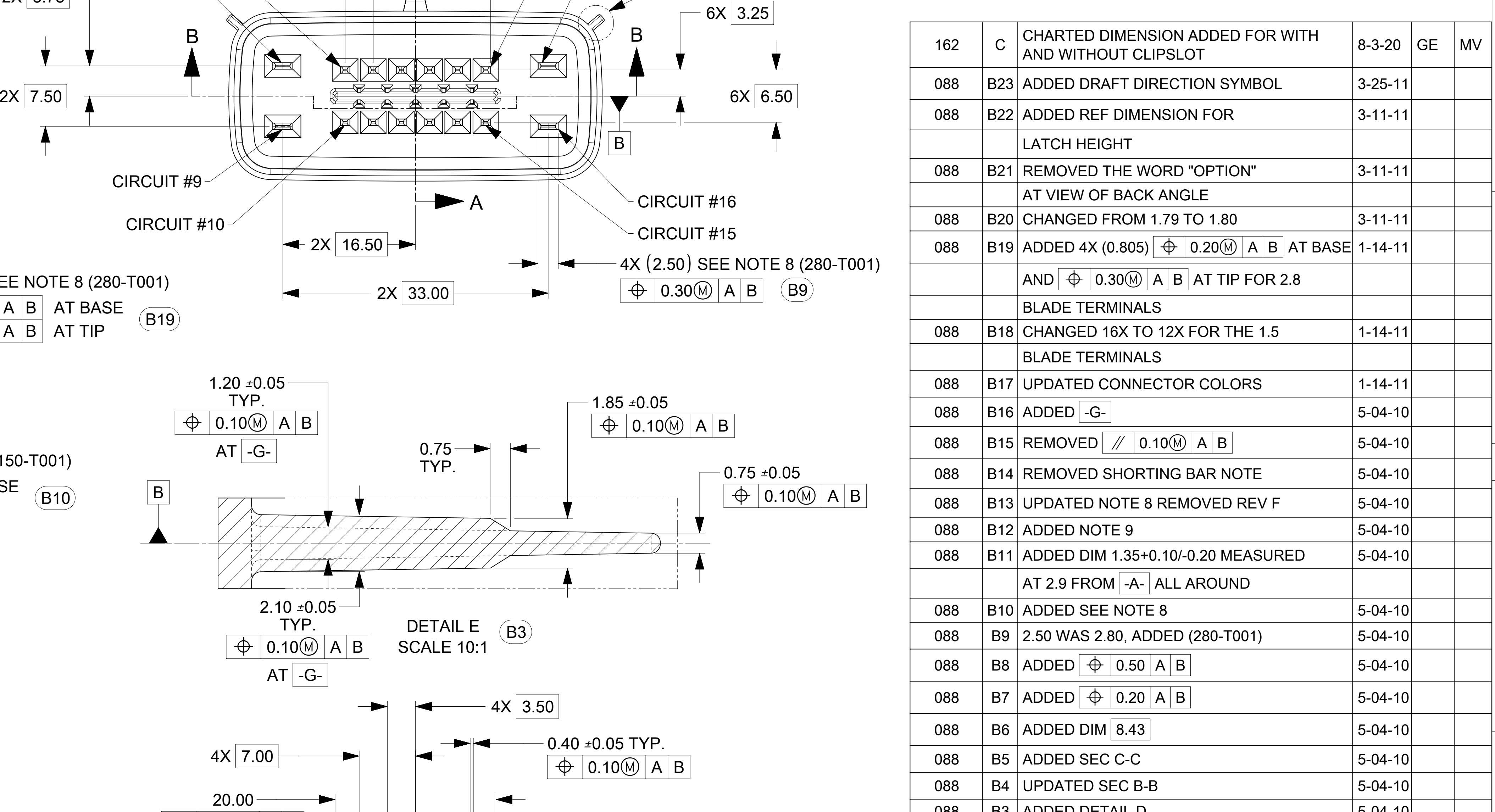
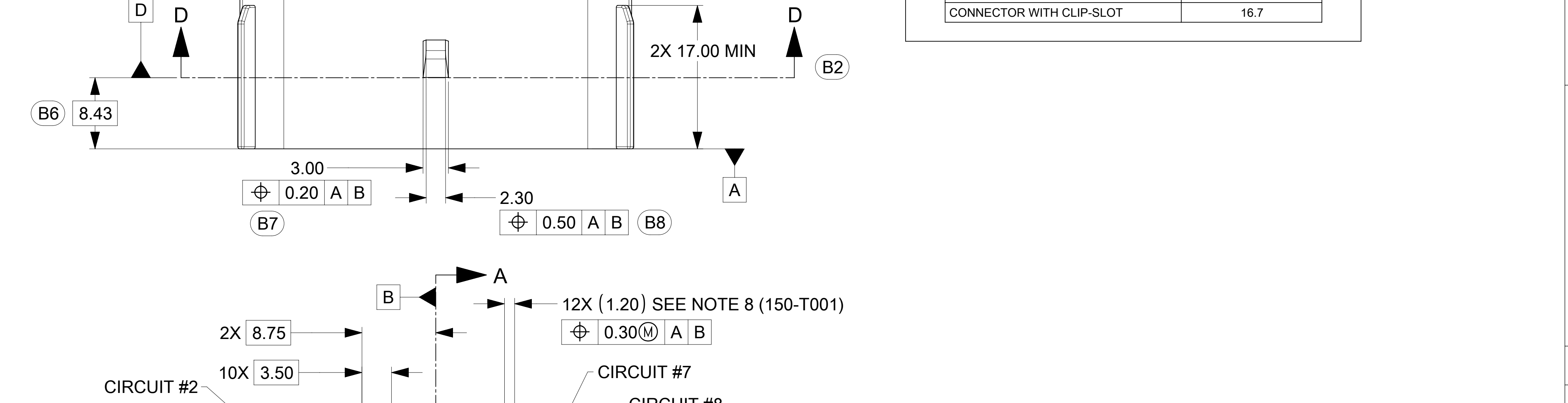
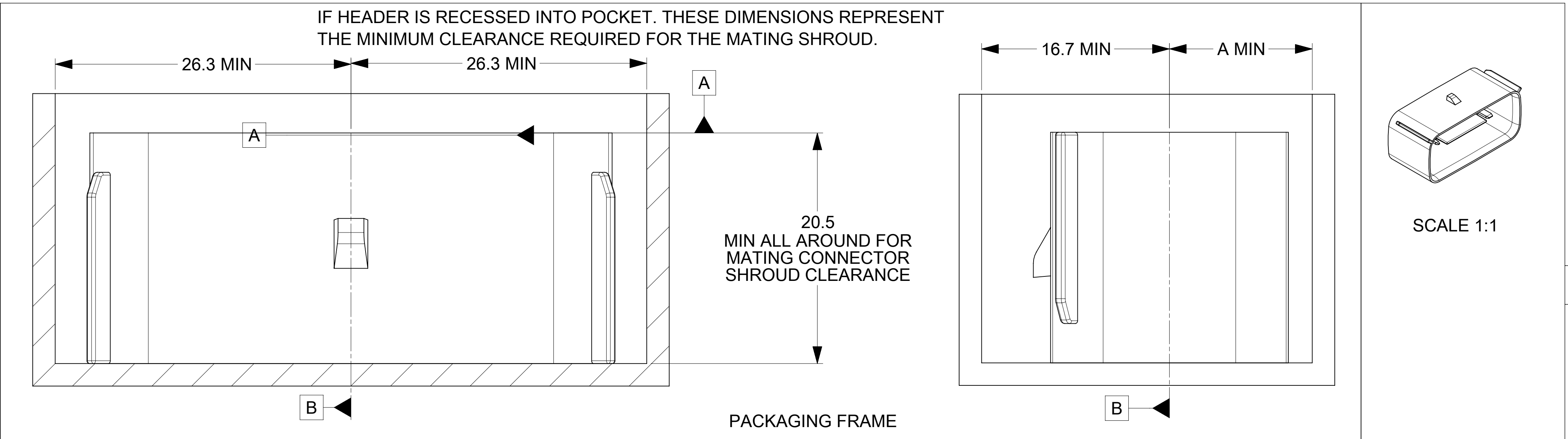


EWCAP PIN	OPTION	MATING CONNECTOR COLOR
999-S-016-2-H01	H	YELLOW
999-S-016-2-G01	G	YELLOW
999-S-016-2-F01	F	YELLOW
999-S-016-2-E01	E	YELLOW
999-S-016-2-D01	D	BLACK
999-S-016-2-C01	C	DARK GREY
999-S-016-2-B01	B	GREY
999-S-016-2-A01	A	BLACK



NOTES: UNLESS OTHERWISE SPECIFIED

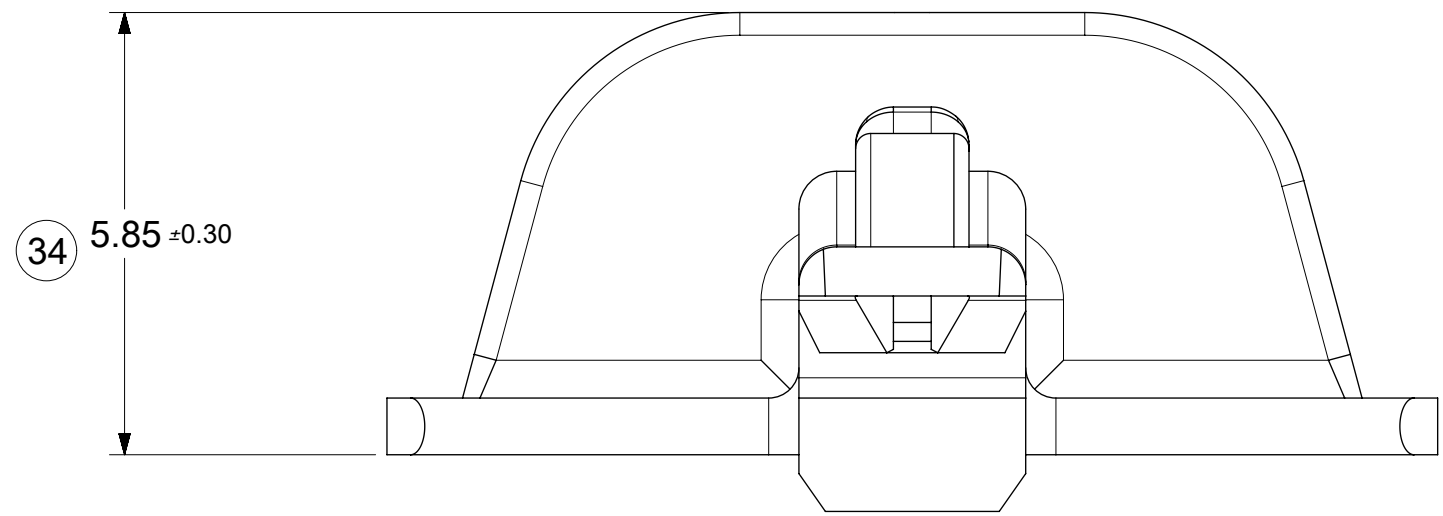
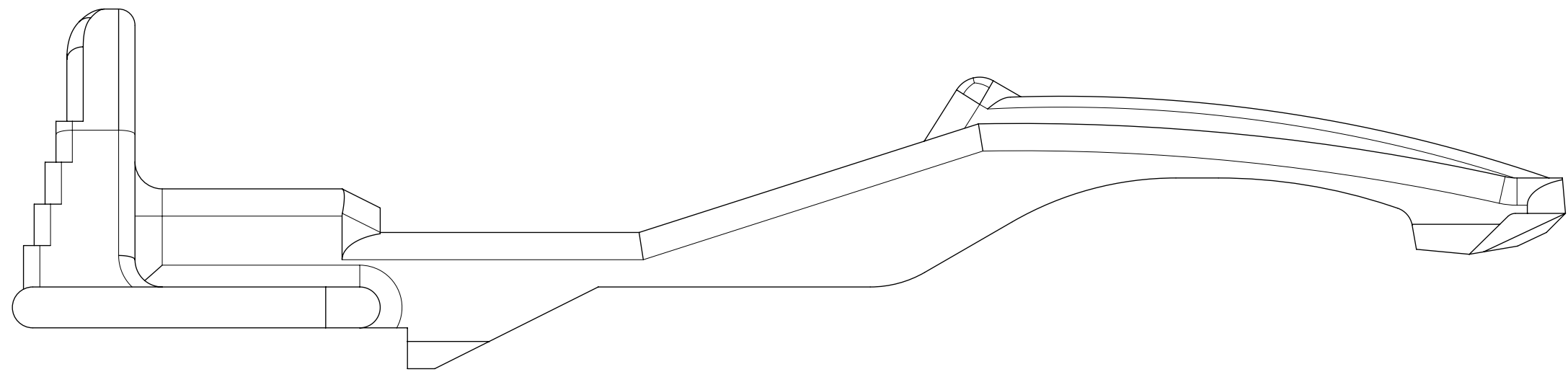
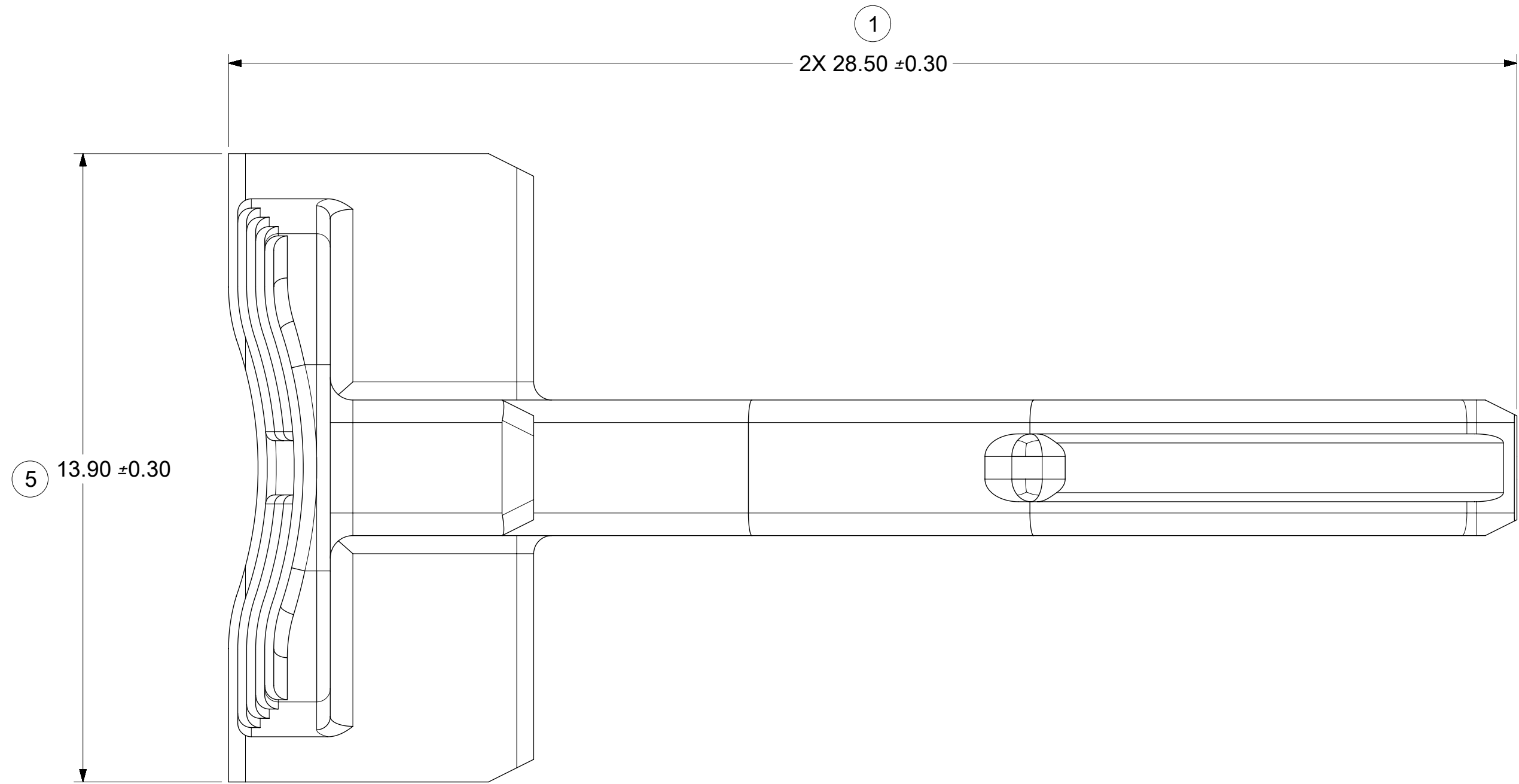
- DRAFT ANGLE PERMISSIBLE 0.25° MAXIMUM.
- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU H) WILL FUNCTION. THE SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES" FOR ADDITIONAL INFORMATION.
- REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
- FOR BLADE TERMINAL DESIGN INFORMATION SEE EWCAP DWG. # EWCAP-001
- THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.



162	C	CHARTED DIMENSION ADDED FOR WITH AND WITHOUT CLIPSLOT	8-3-20	GE	MV
088	B23	ADDED DRAFT DIRECTION SYMBOL	3-25-11		
088	B22	ADDED REF DIMENSION FOR	3-11-11		
		LATCH HEIGHT			
088	B21	REMOVED THE WORD "OPTION" AT VIEW OF BACK ANGLE	3-11-11		
088	B20	CHANGED FROM 1.79 TO 1.80	3-11-11		
088	B19	ADDED 4X (0.805) AT BASE	1-14-11		
		AND AT TIP FOR 2.8			
		BLADE TERMINALS			
088	B18	CHANGED 16X TO 12X FOR THE 1.5	1-14-11		
		BLADE TERMINALS			
088	B17	UPDATED CONNECTOR COLORS	1-14-11		
088	B16	ADDED -G-	5-04-10		
088	B15	REMOVED	5-04-10		
088	B14	REMOVED SHORTING BAR NOTE	5-04-10		
088	B13	UPDATED NOTE 8 REMOVED REV F	5-04-10		
088	B12	ADDED NOTE 9	5-04-10		
088	B11	ADDED DIM 1.35+0.10/-0.20 MEASURED AT 2.9 FROM -A- ALL AROUND	5-04-10		
088	B10	ADDED SEE NOTE 8	5-04-10		
088	B9	2.50 WAS 2.80, ADDED (280-T001)	5-04-10		
088	B8	ADDED	5-04-10		
088	B7	ADDED	5-04-10		
088	B6	ADDED DIM 8.43	5-04-10		
088	B5	ADDED SEC C-C	5-04-10		
088	B4	UPDATED SEC B-B	5-04-10		
088	B3	ADDED DETAIL D	5-04-10		
088	B2	ADDED SEC C-C	5-04-10		
088	B1	ADDED DIM 0.70=0.15 ALL AROUND	5-04-10		
088	B	RELEASED	5-04-10	KC	MV
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK

TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			
ANGLES ±3°			
X ±0.2		XX ±0.10	
EWCAP			
SCALE 4 - 1	DRAWN BY G.ELLIOTT	CHECKED BY M.VANSLAMBROUCK	DATE 08-03-20
TITLE DIRECT CONNECT INTERFACE 16 WAY (2 X 8) 1.5MM SEALED MALE			
SHEET OF 1	DRAWING NUMBER 999-S-016-2-Z02	SIZE E	REVISION LEVEL C

CPA DETAIL



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
mm		10:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		± 3.0 °						1.5MM STANDARD CONNECTOR CONNECTOR POS. ASSURANCE					
4 PLACES		±						EC NO: 620500 DRWN: MSELANGOVAN 2019/07/02 CHK'D: KBORUSZEWSKI 2019/07/11 APPR: MVANSLAMBROU 2019/07/13					
3 PLACES		±											
2 PLACES		± 0.1											
1 PLACE		± 0.3		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		±		DRWN: RELEASE 2019/06/26 APPR: MVANSLAMBROU 2019/07/13				SD-33611-001		PSD	001	A3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		33611		SEE BOM		GENERAL MARKET		2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/13	12:33:05
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