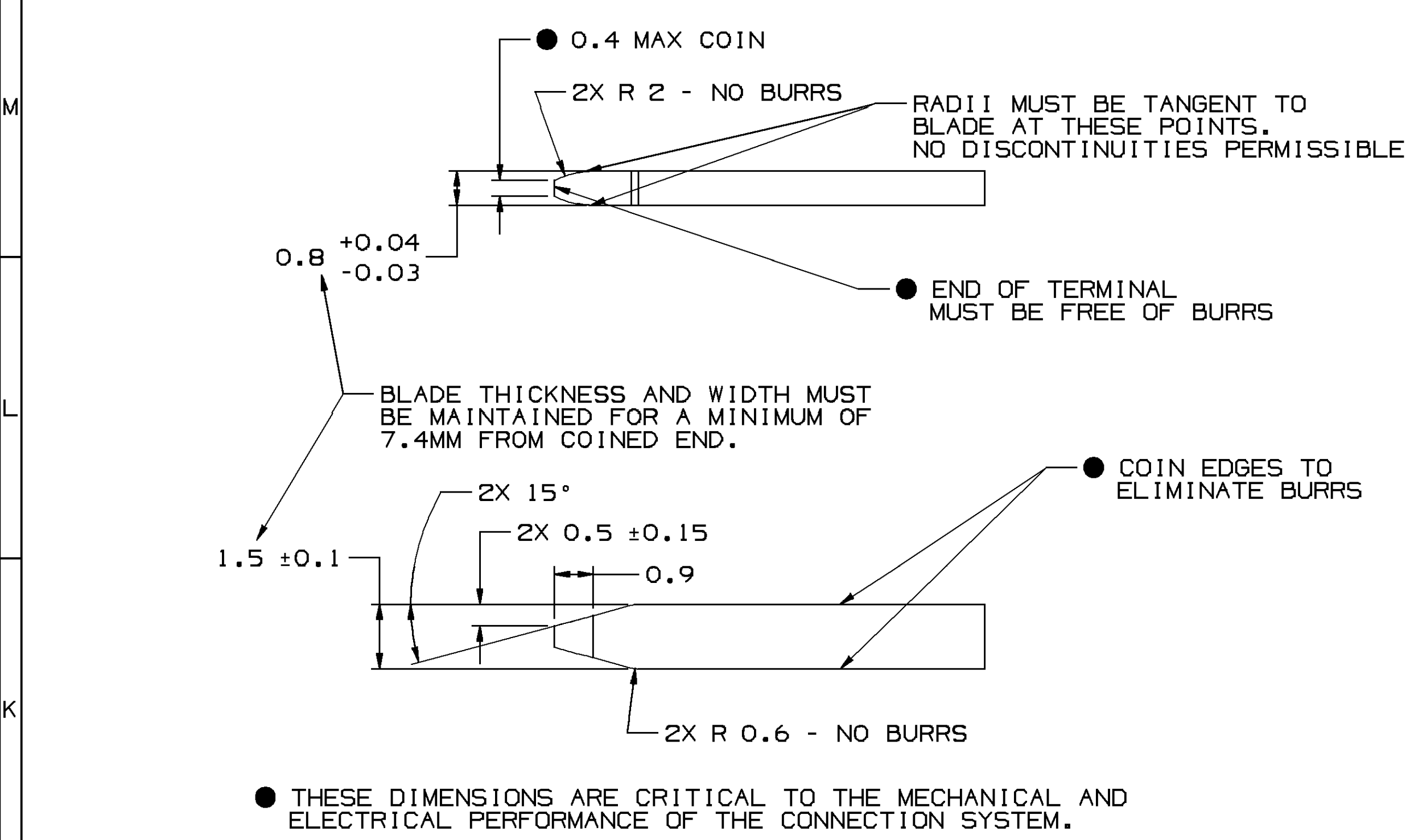
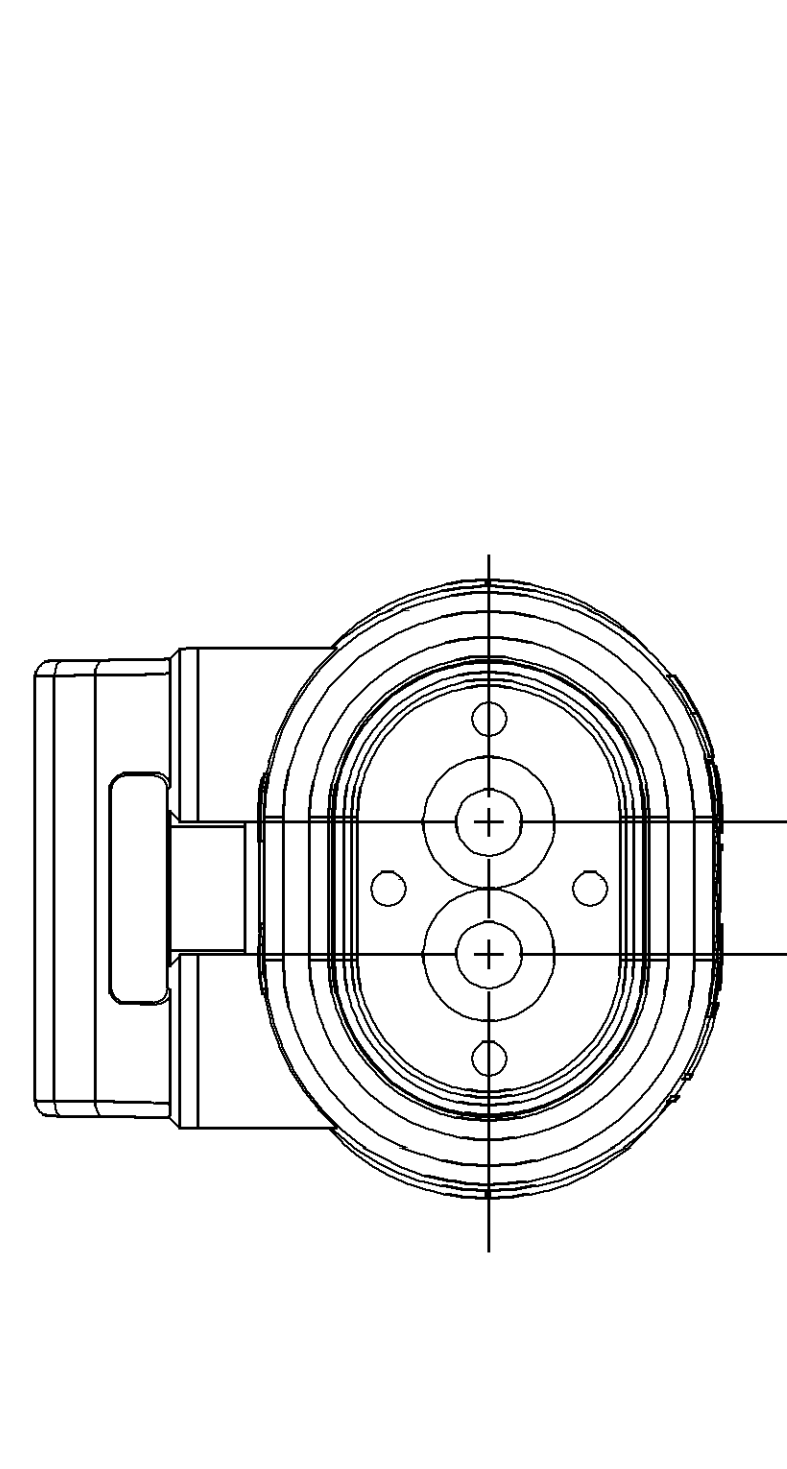
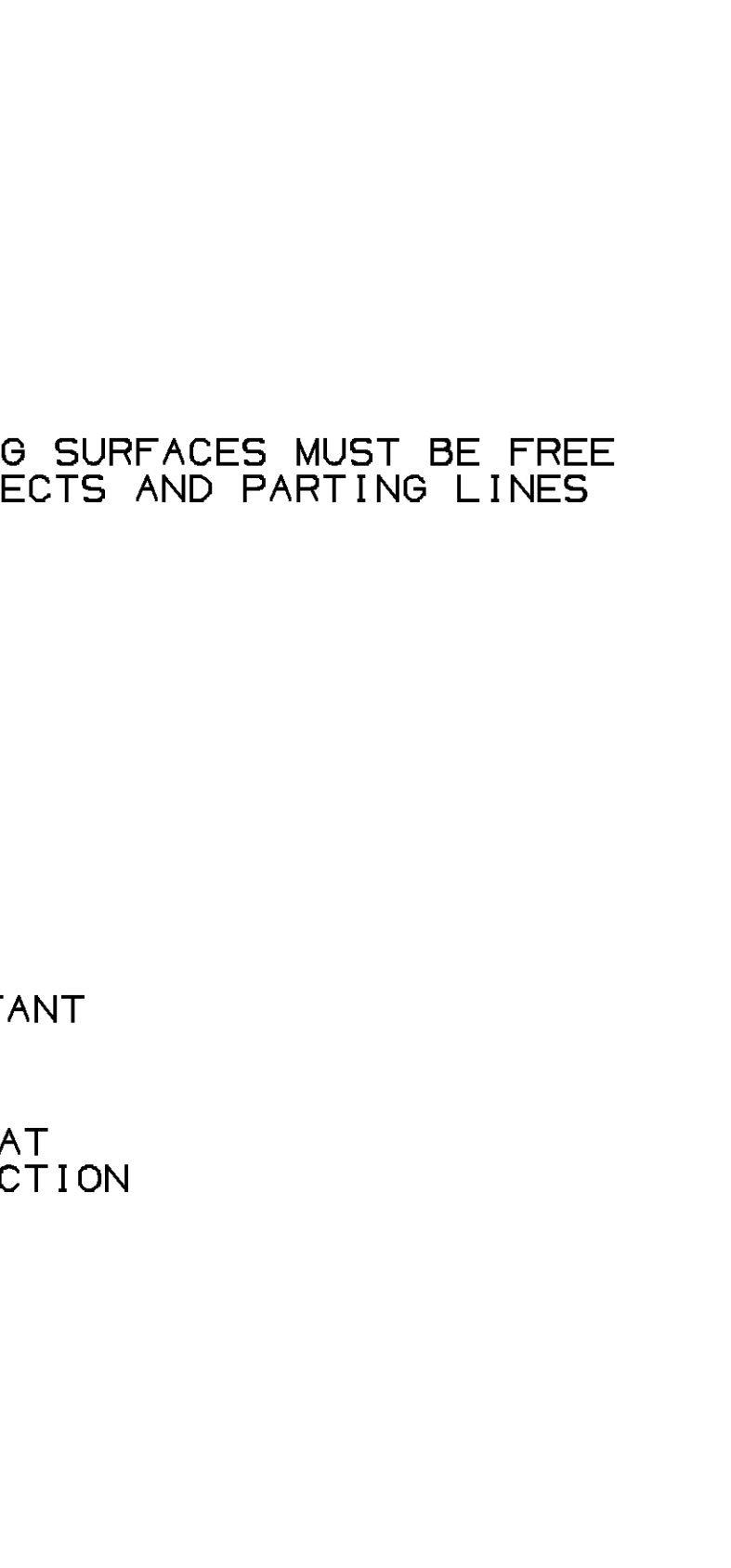
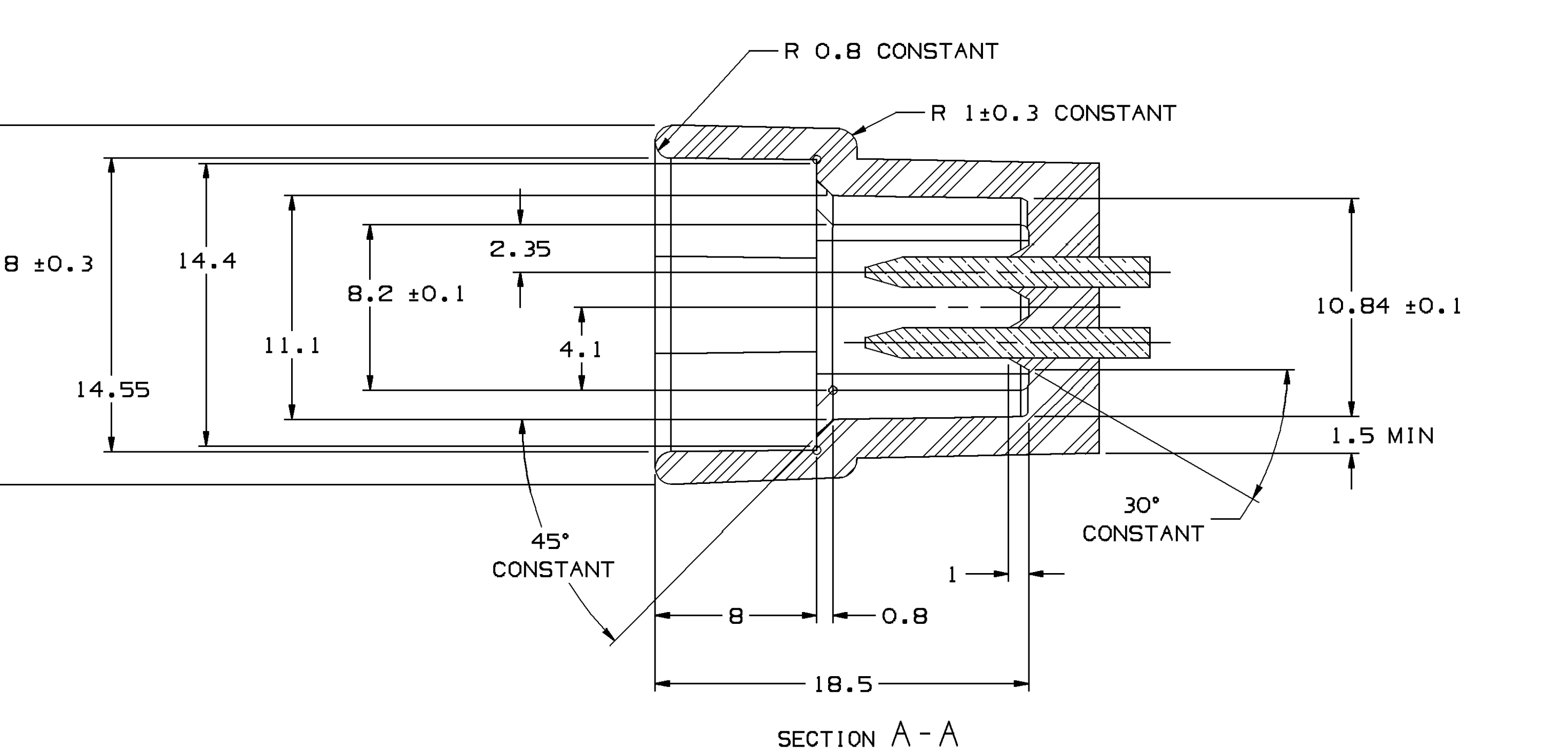
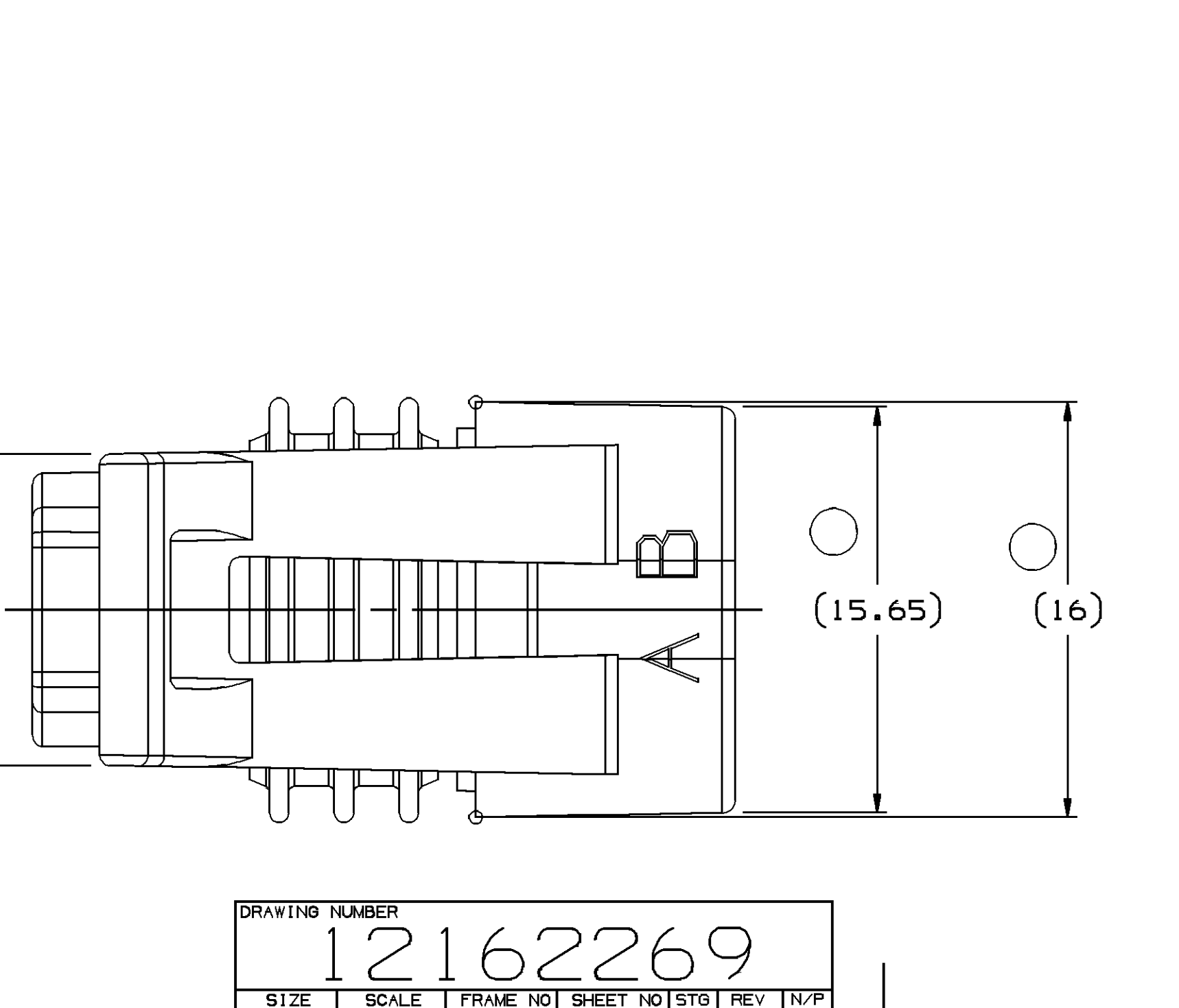
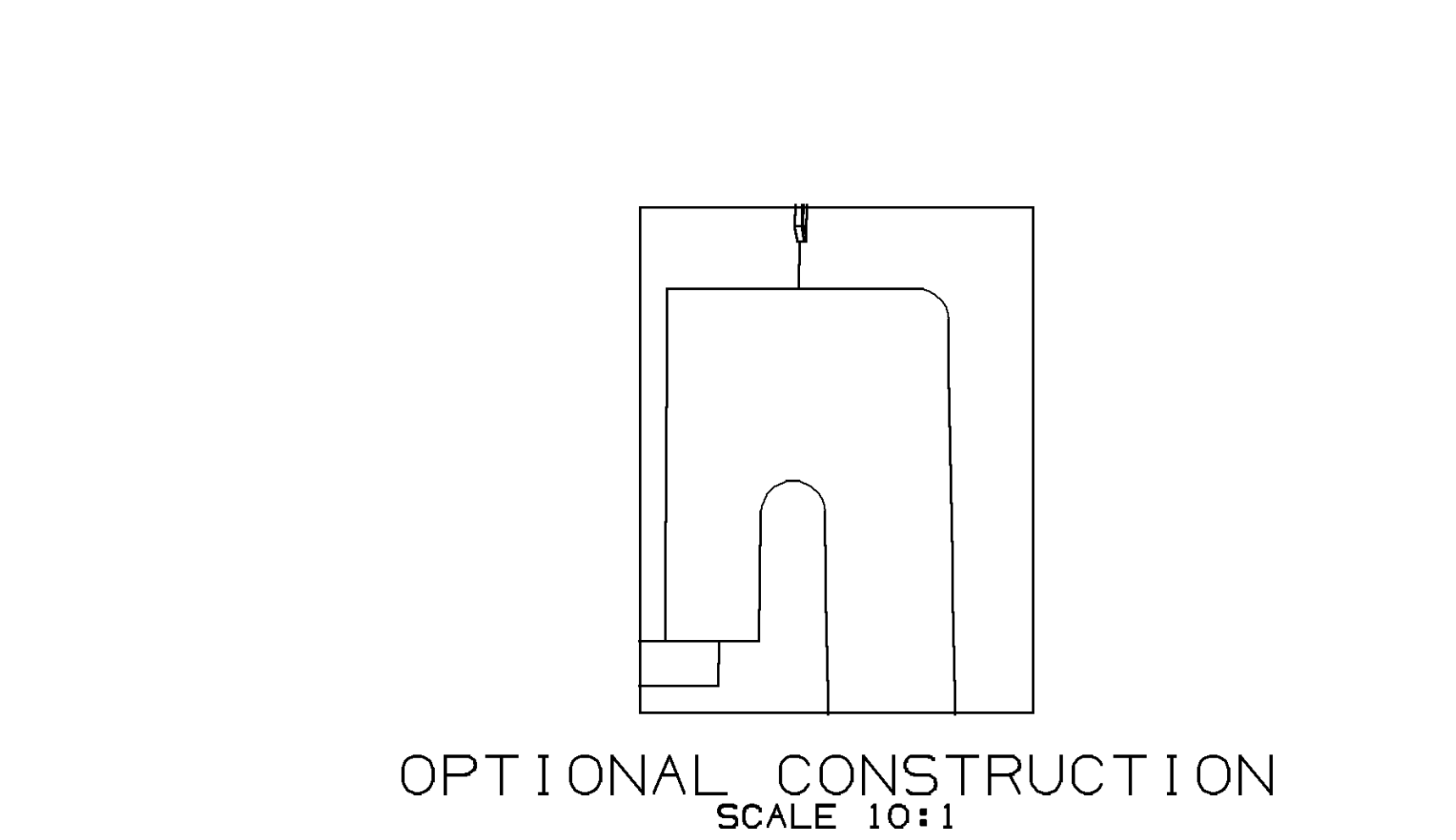
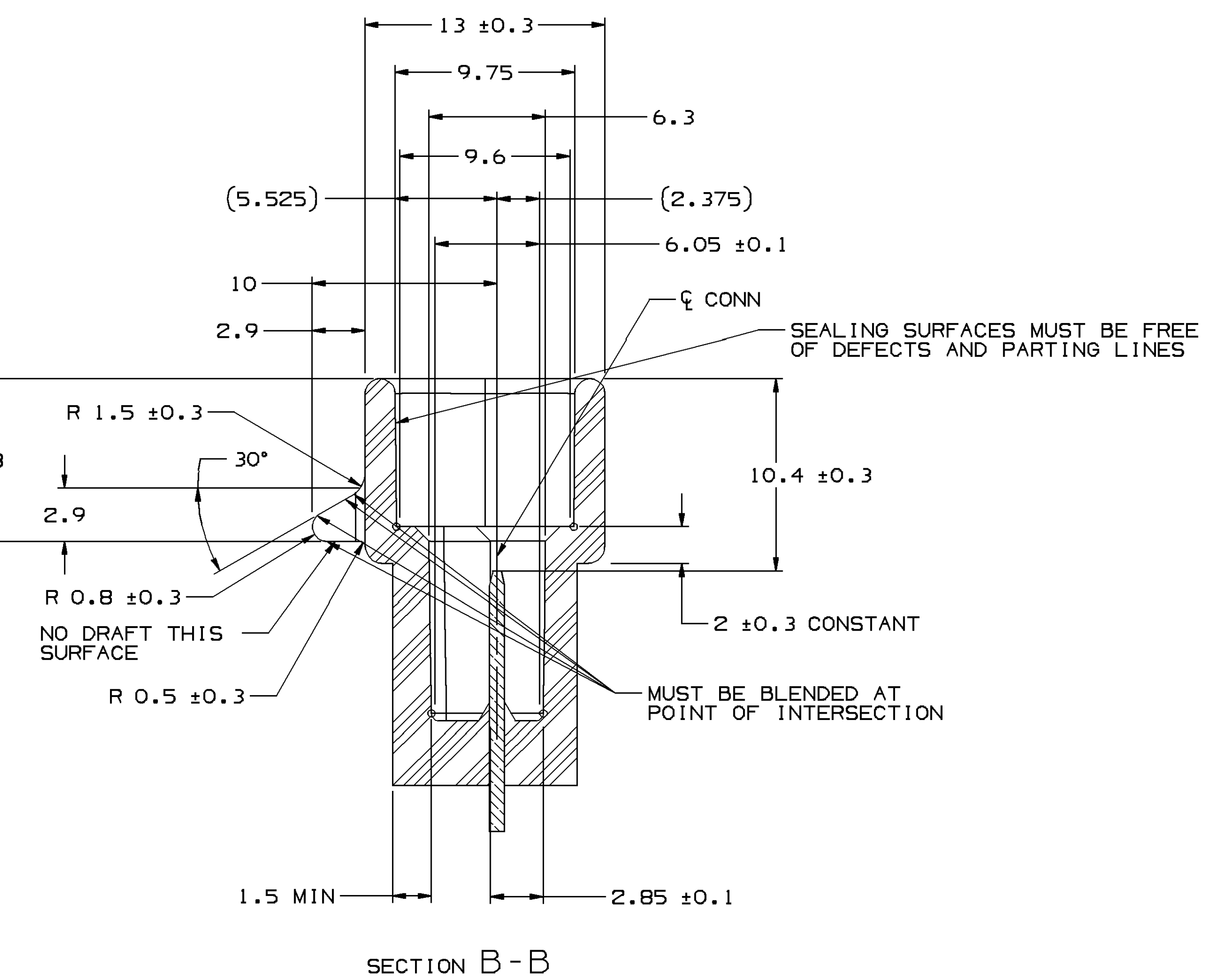
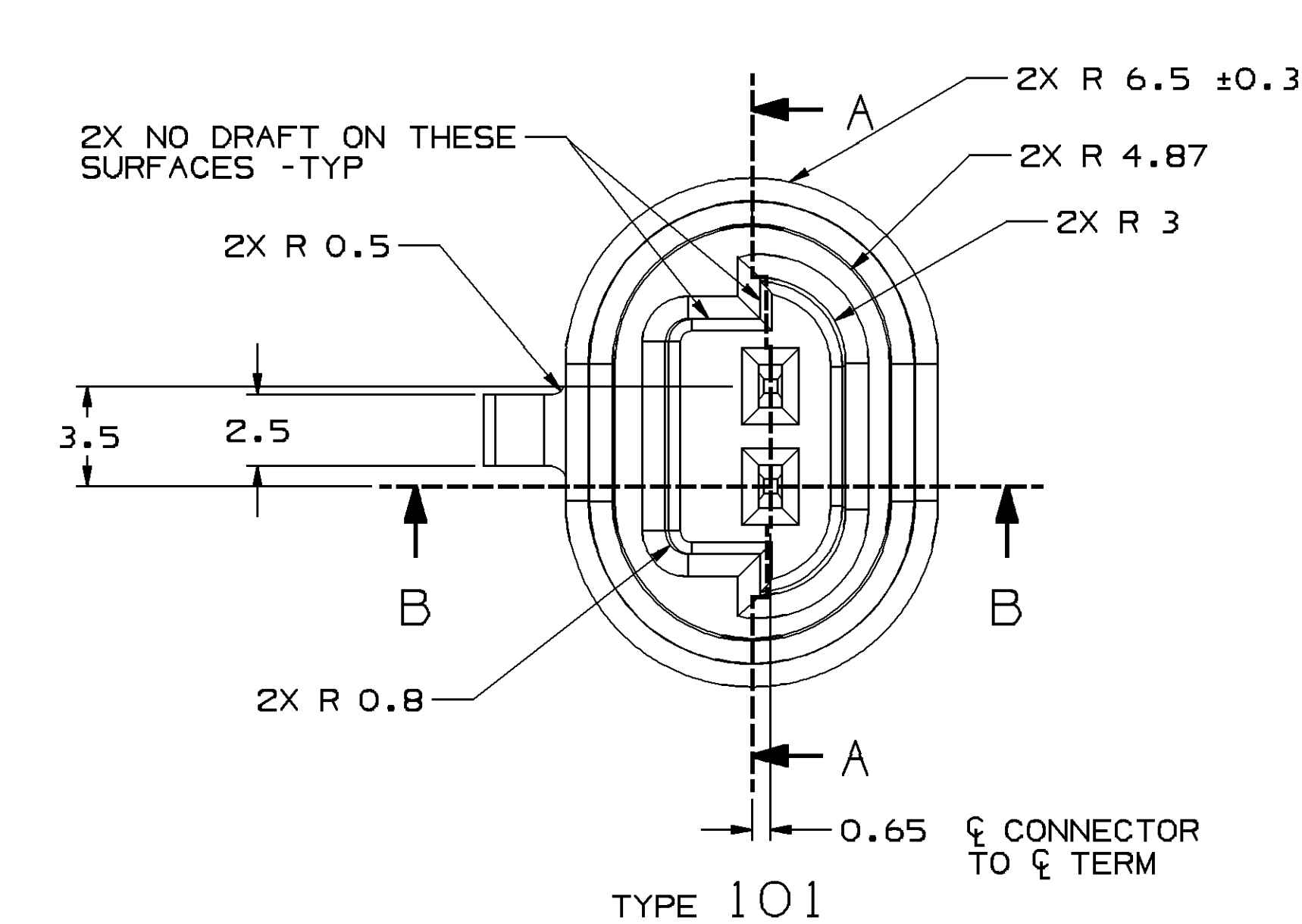
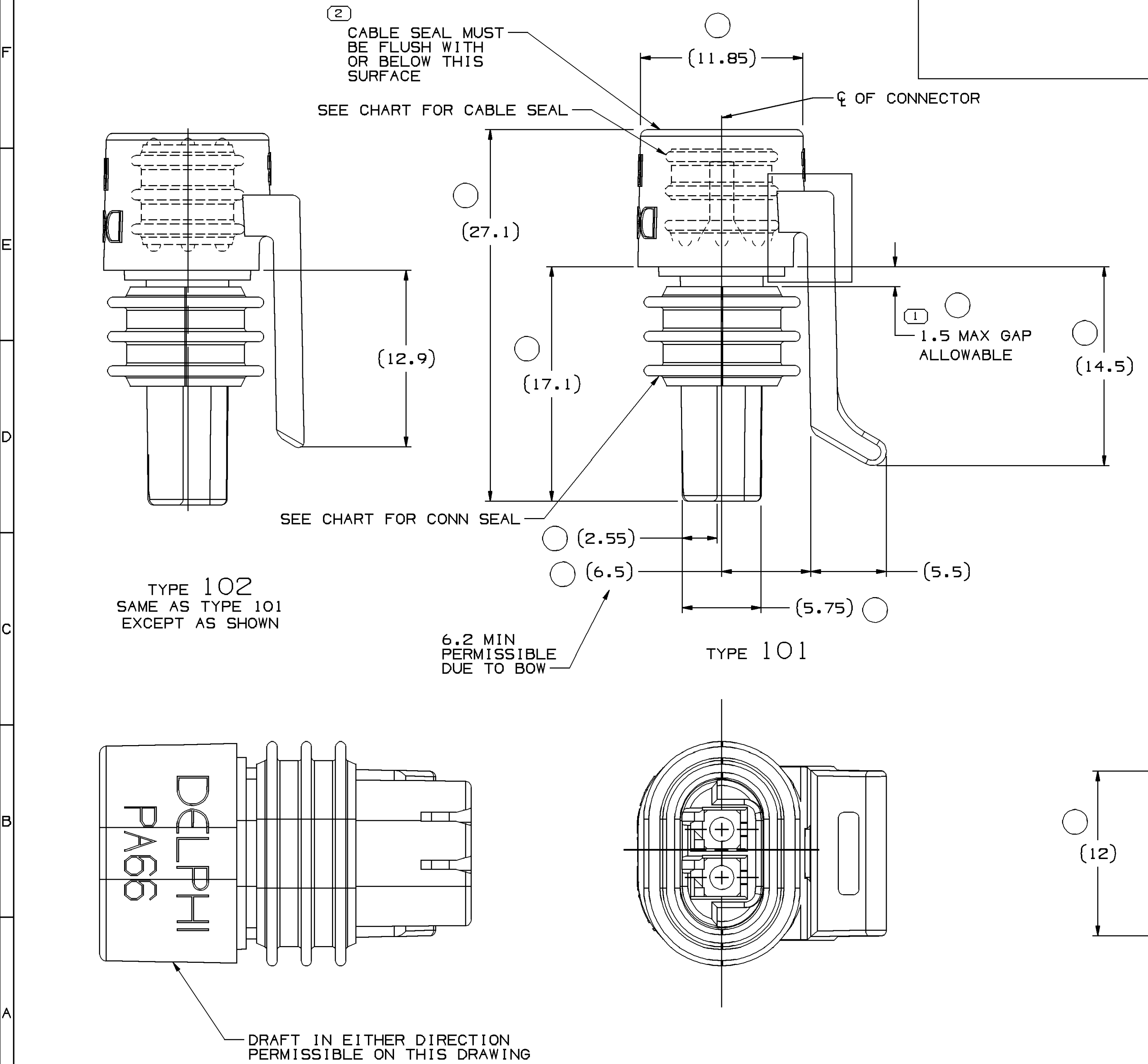




MATERIAL SPECIFICATIONS

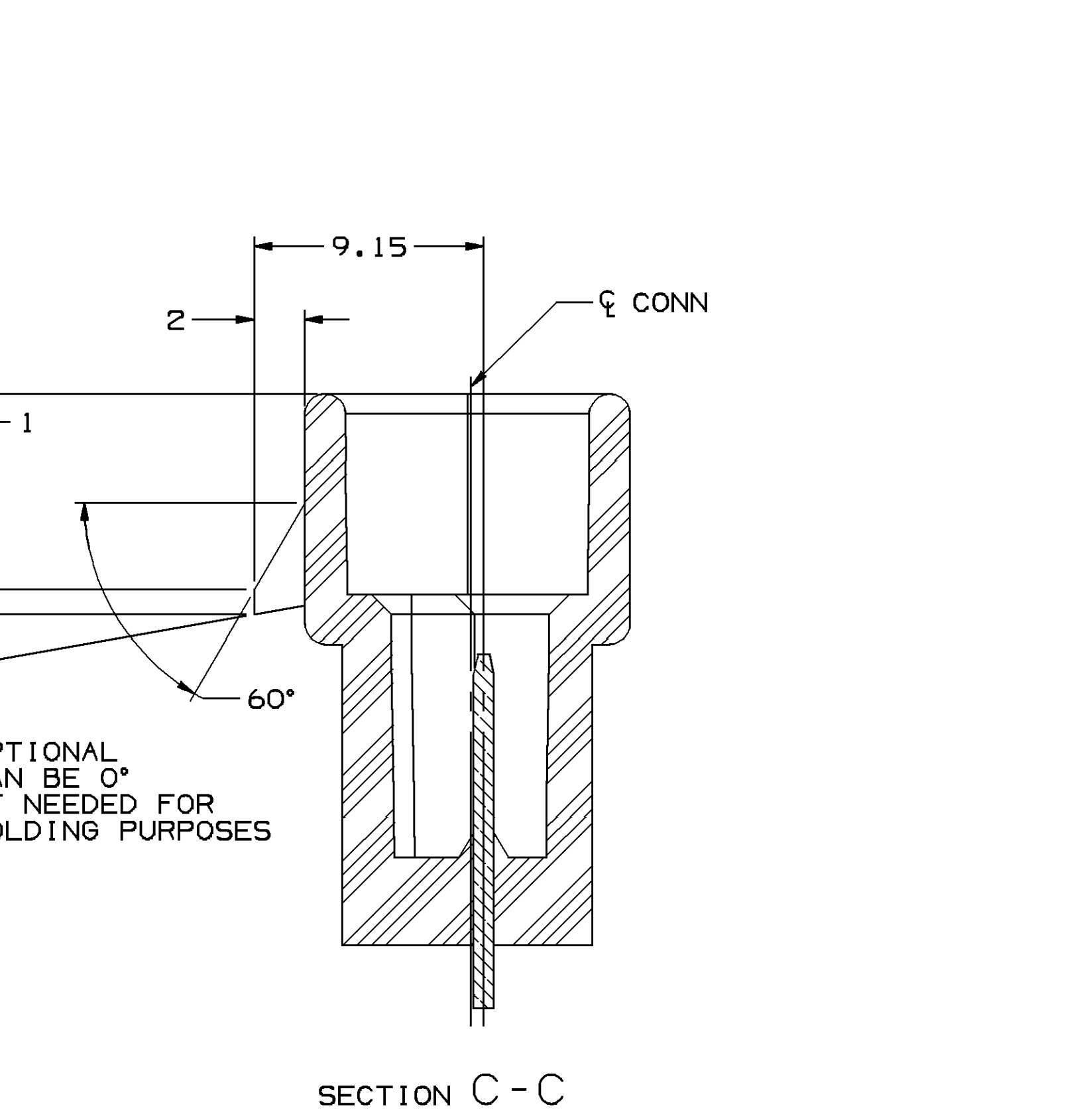
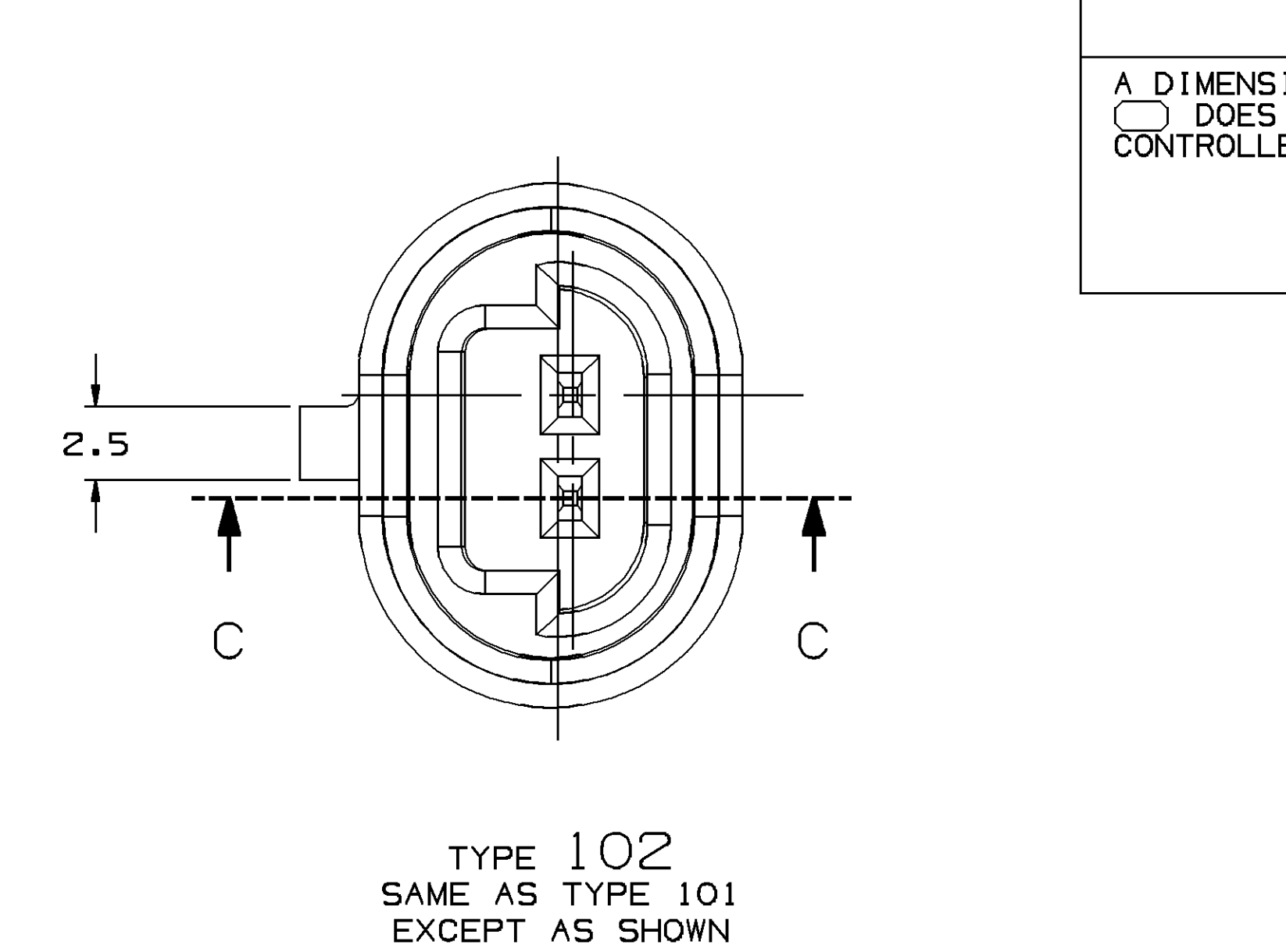
- RECOMMENDED
- BASE METAL - CDA-210, EXTRA SPRING TEMPER
- TIN PLATING (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USA6E1): 0.0050 $\pm$ 0.0025 MM (200 $\pm$ 100 μ IN) ELECTROPLATED TIN.
 - USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.
- MINIMUMS
- ELECTRICAL CONDUCTIVITY - $\geq 28\%$ IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY $< 28\%$ IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
- TENSILE STRENGTH - 430 - 480 MPa
- UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μ IN) MINIMUM THICK IS REQUIRED.
- PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 150°C. PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MATING BLADE INFORMATION



- NOTES
- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION. (SEE MATH MODEL FOR PRECISE DIMENSIONS.) FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.4 DRAFT IS 1° ON ALL OUTSIDE SURFACES
 - RECOMMENDED MATERIAL: GLASS REINFORCED NYLON OR POLYESTER

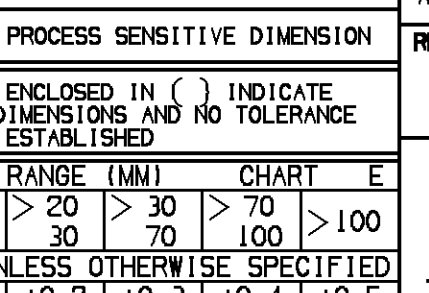
MATING CONNECTOR INFORMATION



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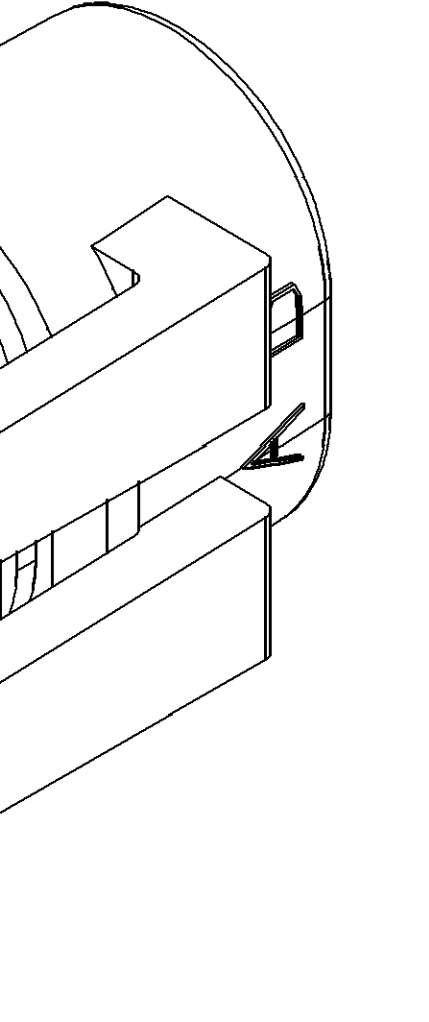
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 - REFERENCE MATING COMPONENTS OR EQUIVALENT:
CONNECTOR 12066016
TERMINAL 12124075
TERMINAL 12191054 (GOLD PLATED)
 - FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT OF CABLE CORE IS 10.75/7.03.
 - (2.31X10.1) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED".

13584122	01	AB	101	12110169 - LT - ORN	13584120	13511248
15324478	02	AD	101	12078083 - TAN	15324477	12040750
15304635	A4	-	102	12110169 - LT - ORN	15304636	12040750
12162195	A4	-	101	12110169 - LT - ORN	12162192	12040750
12162194	A4	-	101	12078083 - TAN	12162192	12040750
12065242	A	-	101	12040751 - GRN	12065241	12040750
12162193	A4	-	101	12040751 - GRN	12162192	12040750
PART NO	REV	N/P	STATUS	TYPE	CABLE SEAL AND COLOR	CONN NO
CONN SEAL						



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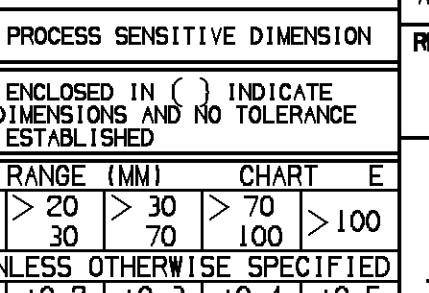
SYMBOL DEFINITION		MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	2	NO MISSING SYMBOL NUMBER
	LAST NO. USED	2	



MATING CONNECTOR INFORMATION

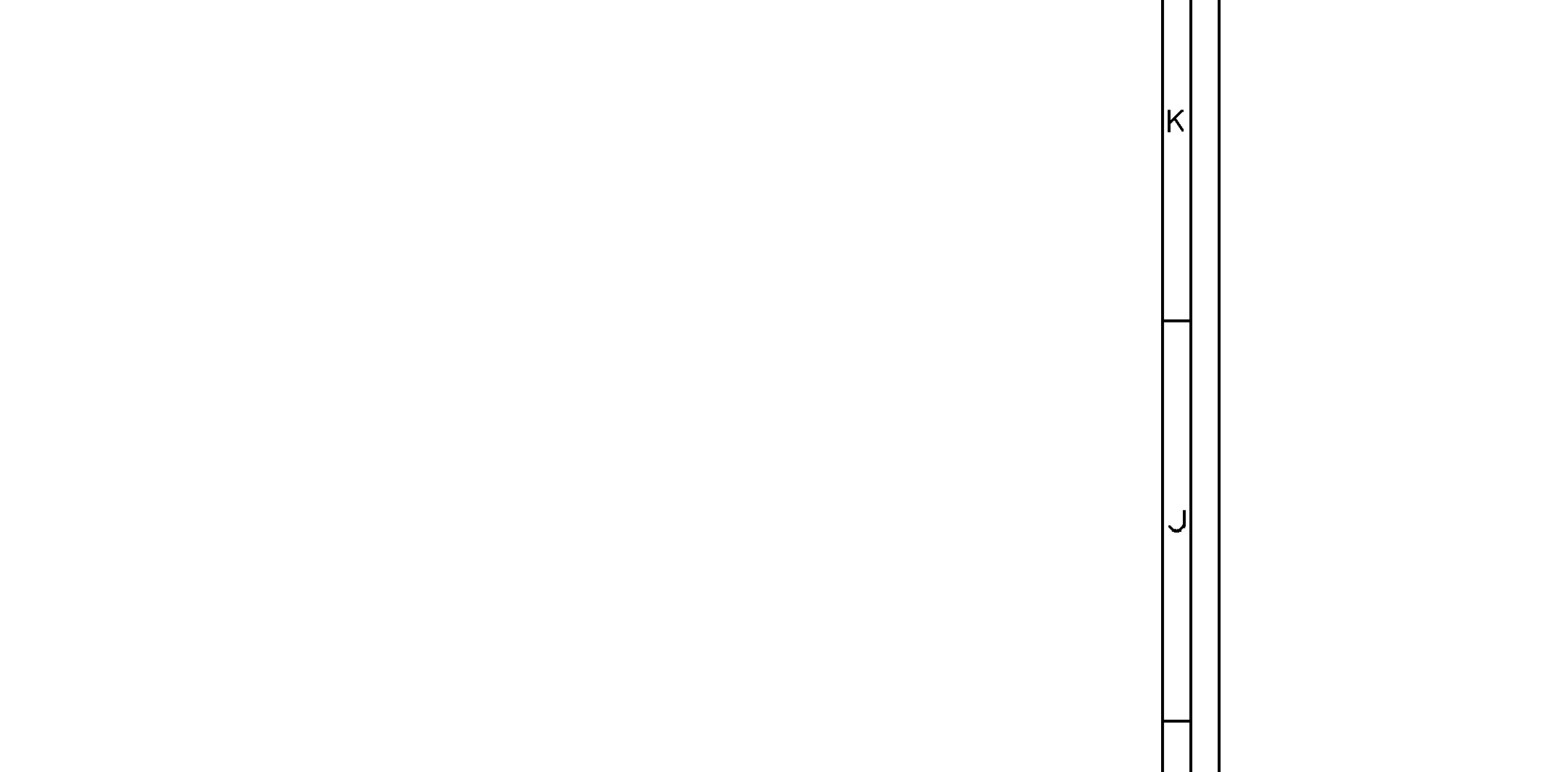
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12065242	A	-	101	12040751 - GRN	12065241	12040750
12162193	A4	-	101	12040751 - GRN	12162192	12040750
PART NO	REV	N/P	STATUS	TYPE	CABLE SEAL AND COLOR	CONN NO
CONN SEAL						



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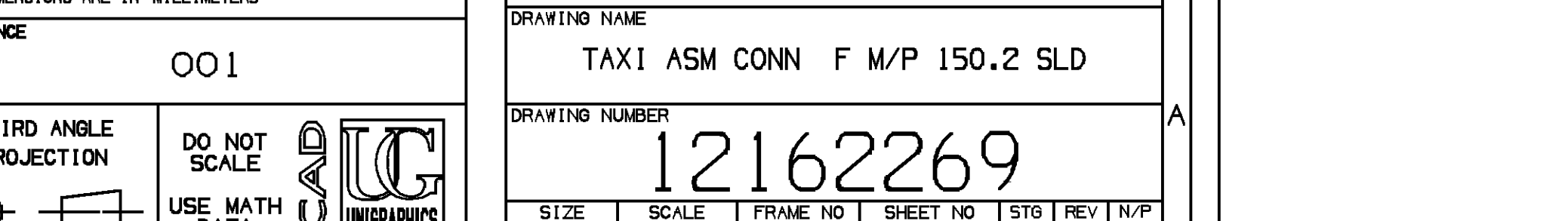
DWG STATUS		REVISION HISTORY		AUTH		DR		N/P		P/P	
DATE	STG	REV	N/P	CHG	1	2	1	2	1	2	1
31AUG99	R	001	-	-	CLEARED REV COLUMN & 15324478 -REVISED CABLE SEAL AND COLOR	199239	HH	CHP	JR		
150002	R	02	-	-	ALL PARTS - ALIGNED VIEWS, REMOVED NOTE: ASTERISK (*) INDICATES 150.2 TERMINAL CAVITIES, ADDED N/P COLUMN TO PART NUMBER CHART, AND ADDED NOTE 5.	231922	BBB	BBB	GM		
20JUL04	R	03	-	-	12162195 - UPDATED PDM ATTRIBUTES	256579	MM	MM	MM	BB	
24APR06	R	04	-	-	15324478, 15304635, 12162195, 12162194, AND 12162193 - CORRECTED REVISION LEVELS	279760	LL	LL	LL	MF	
04SEP06	R	05	-	-	RELEASED 13584122	279760	LL	LL	LL	MF	
01NOV06	R	06	-	-	ALL PARTS - REVISED NOTE 3 AND REVISED INSPECTION SYMBOLS	284222	MM	MM	MM	MF	
					ALL ACTIVE PARTS - UPDATED MATING BLADE INFORMATION AND ALL INDIVIDUAL COMPONENT DIMENSIONS WITHOUT INSPECTION SYMBOLS WERE CHANGED TO REFERENCE	286288	JBD	AUG	BDB		



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PART NO	REV	N/P	STATUS	TYPE	CABLE SEAL AND COLOR	CONN NO
CONN SEAL						



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