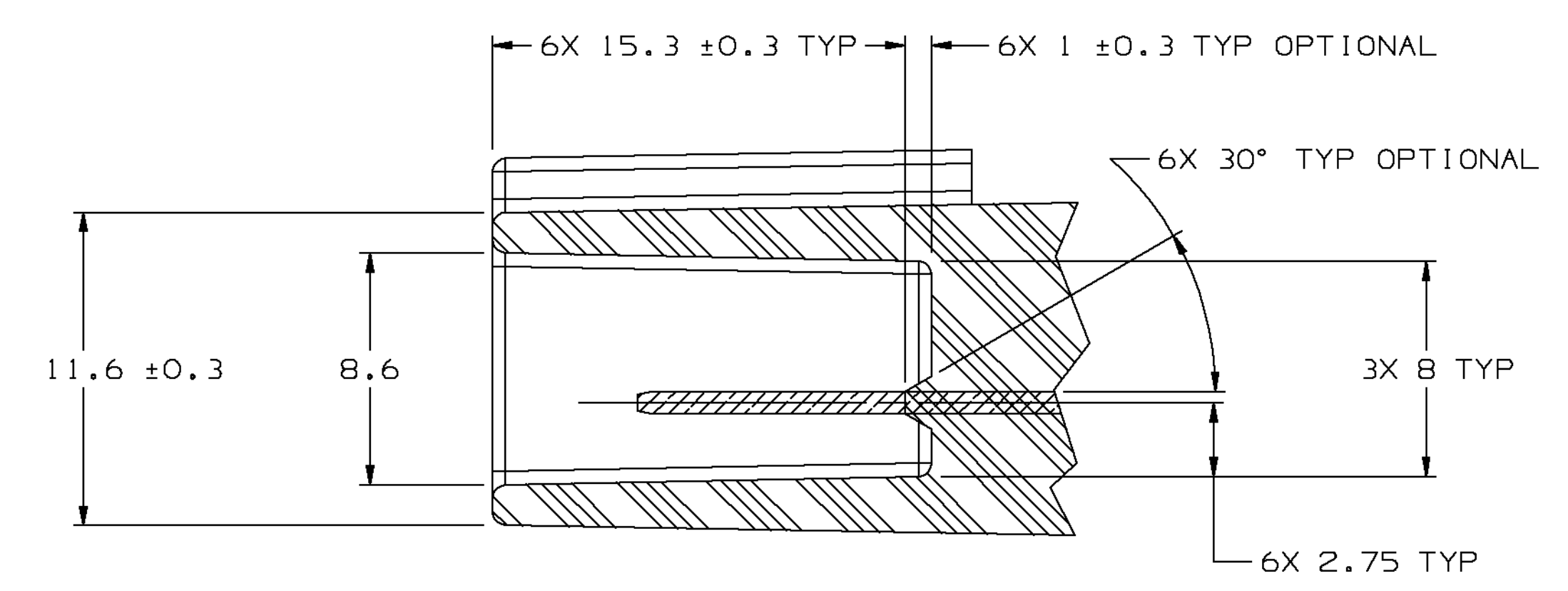
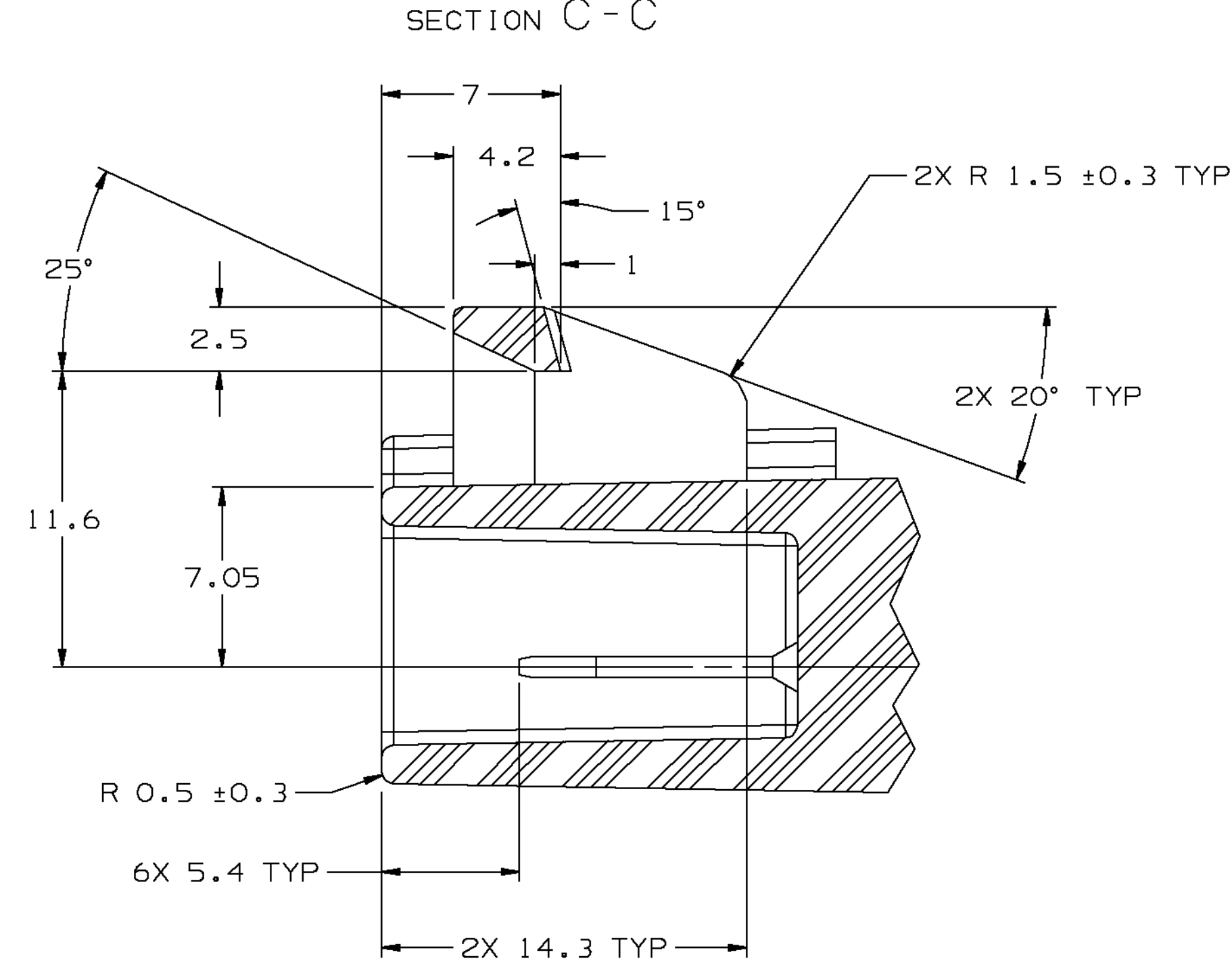
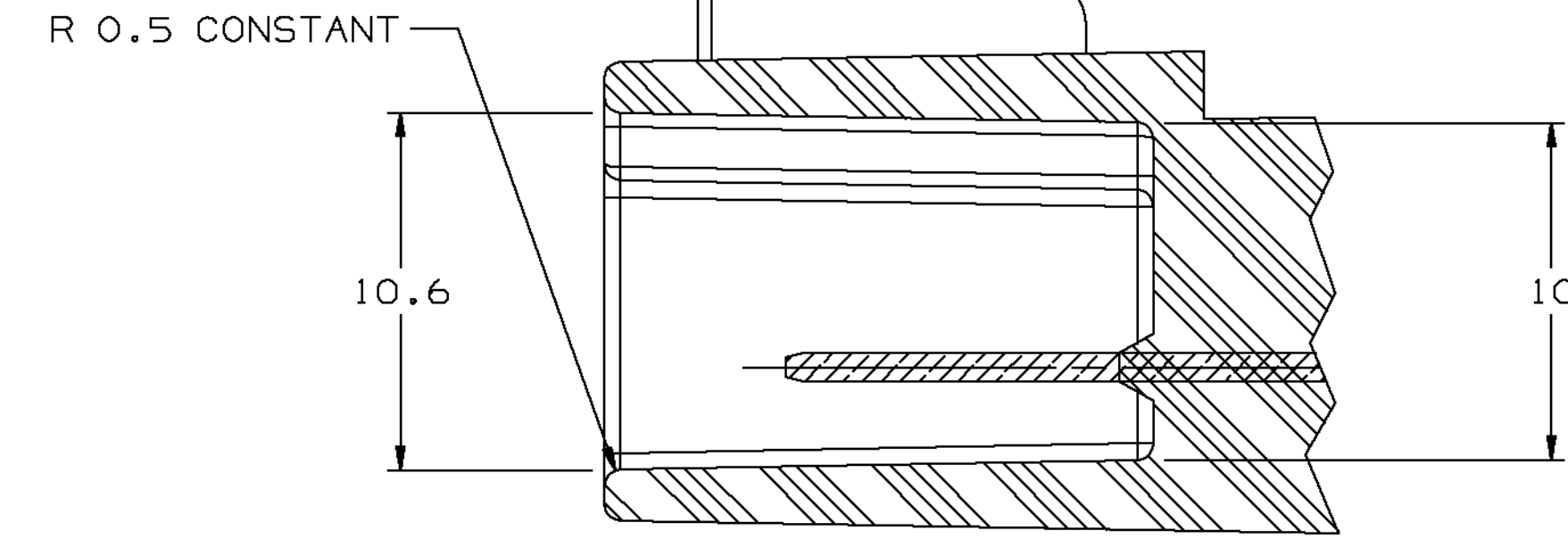
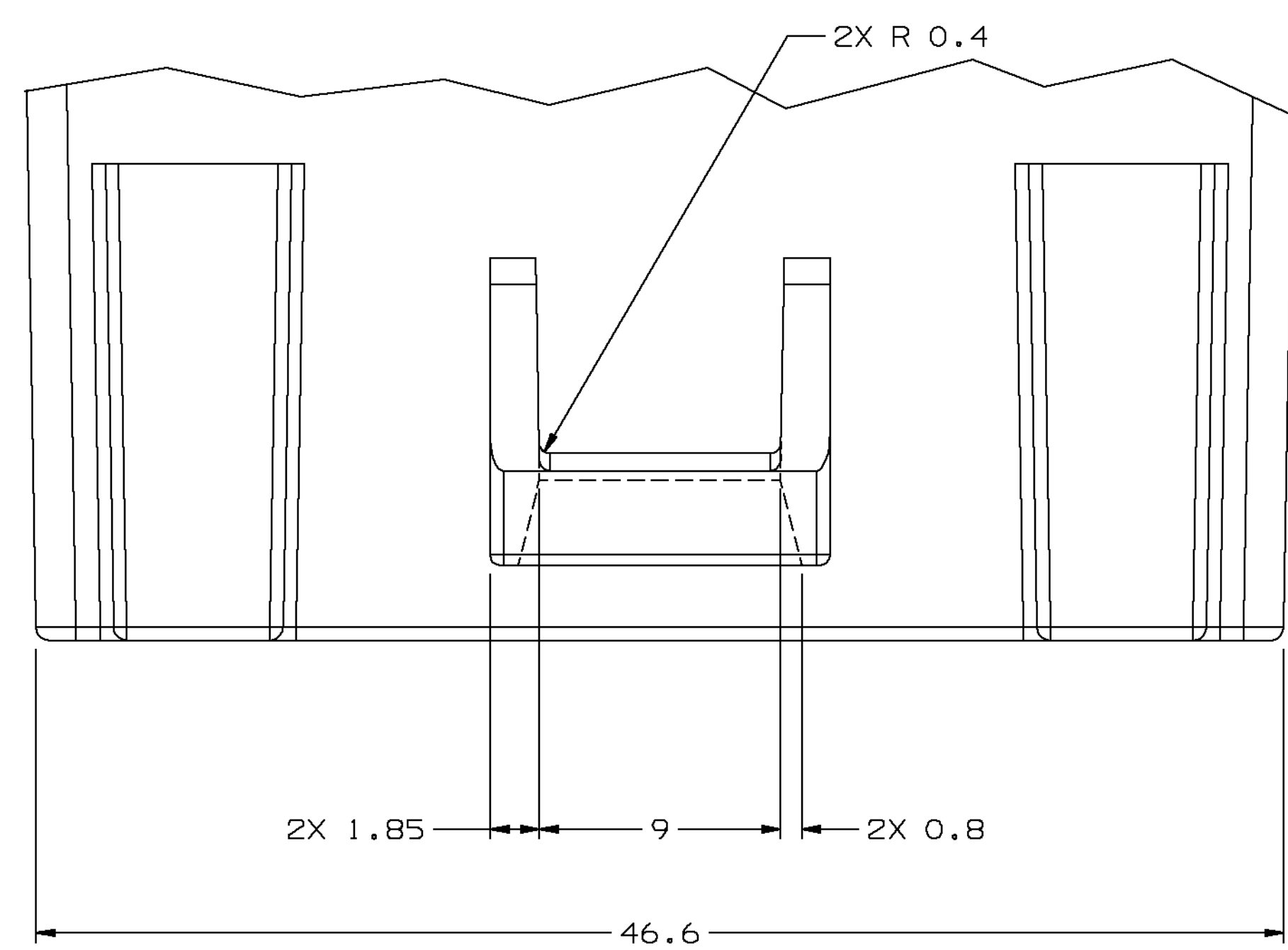
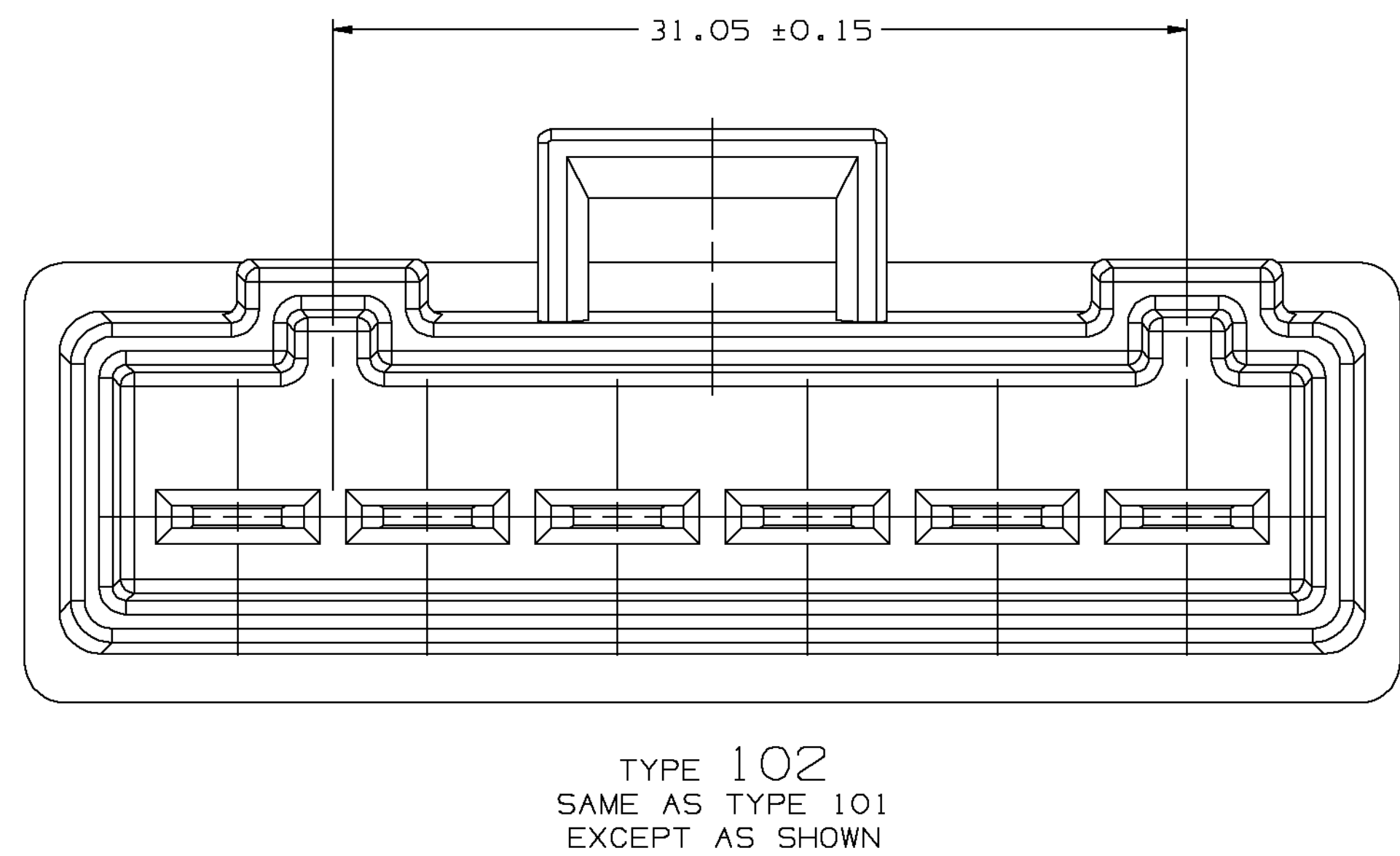
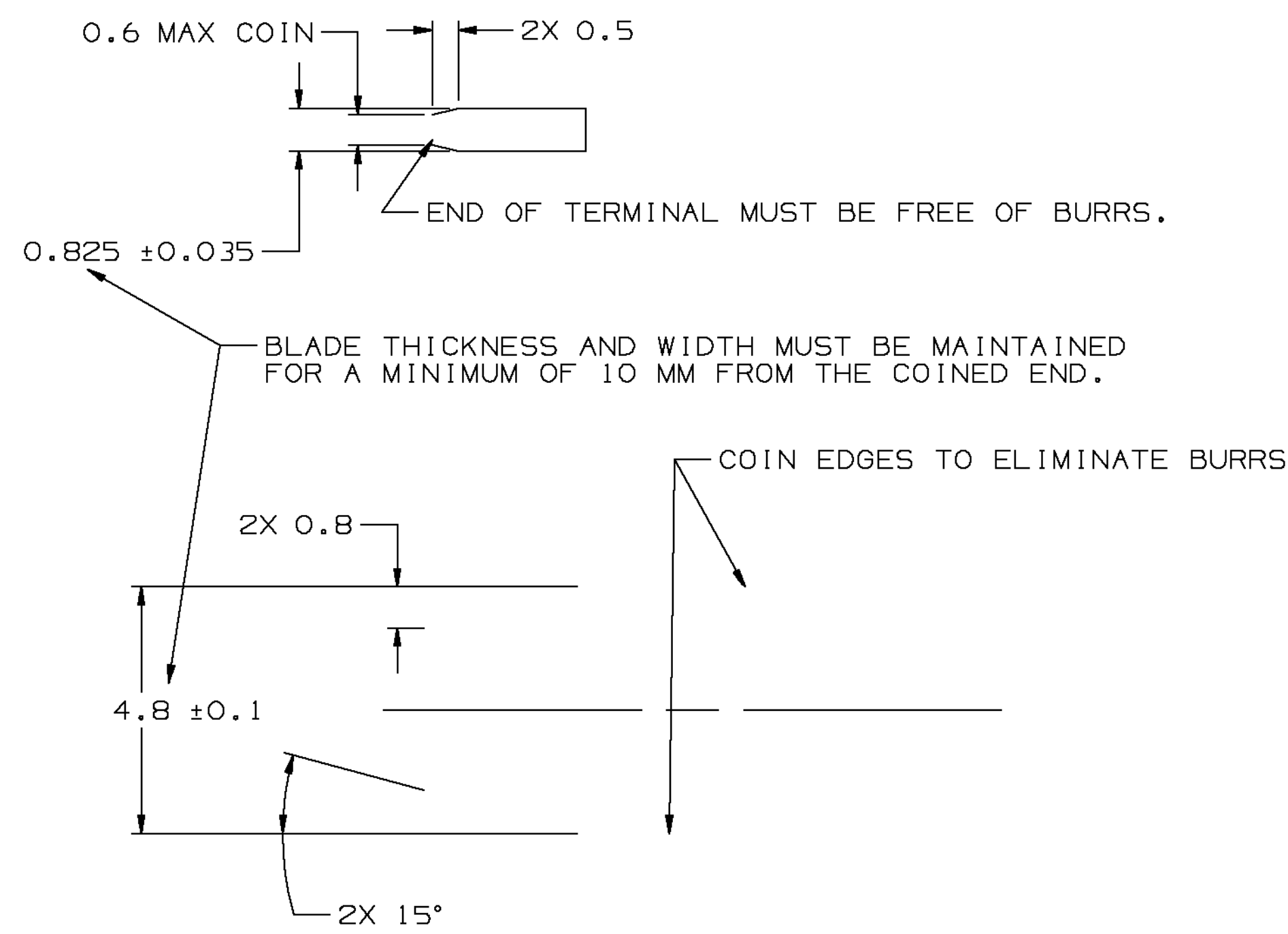




- NOTES
- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.5 DRAFT IS 1° ON ALL SURFACES
 - TERMINAL MUST WITHSTAND A MINIMUM PUSHOUT FORCE OF 67 NEWTONS.

MATERIAL SPECIFICATIONS

RECOMMENDED

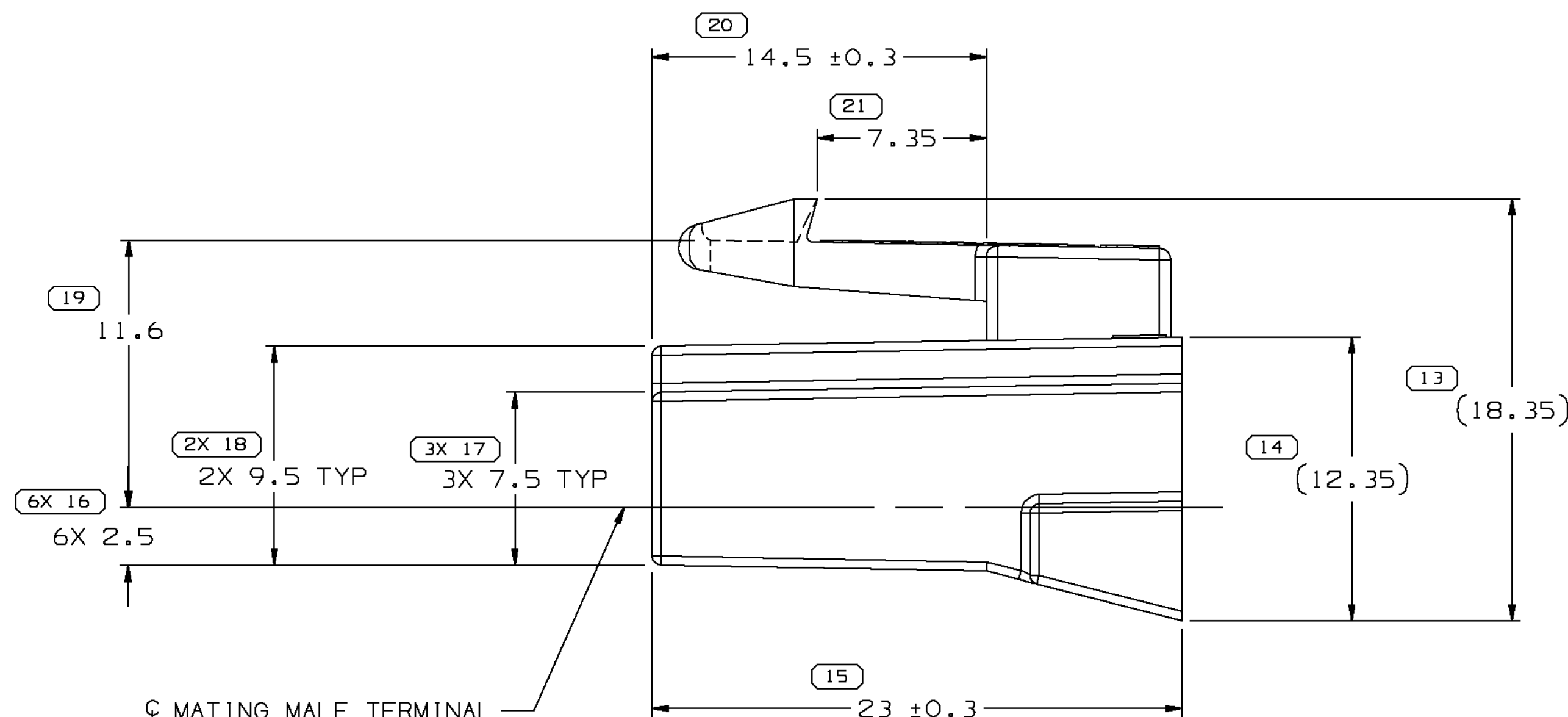
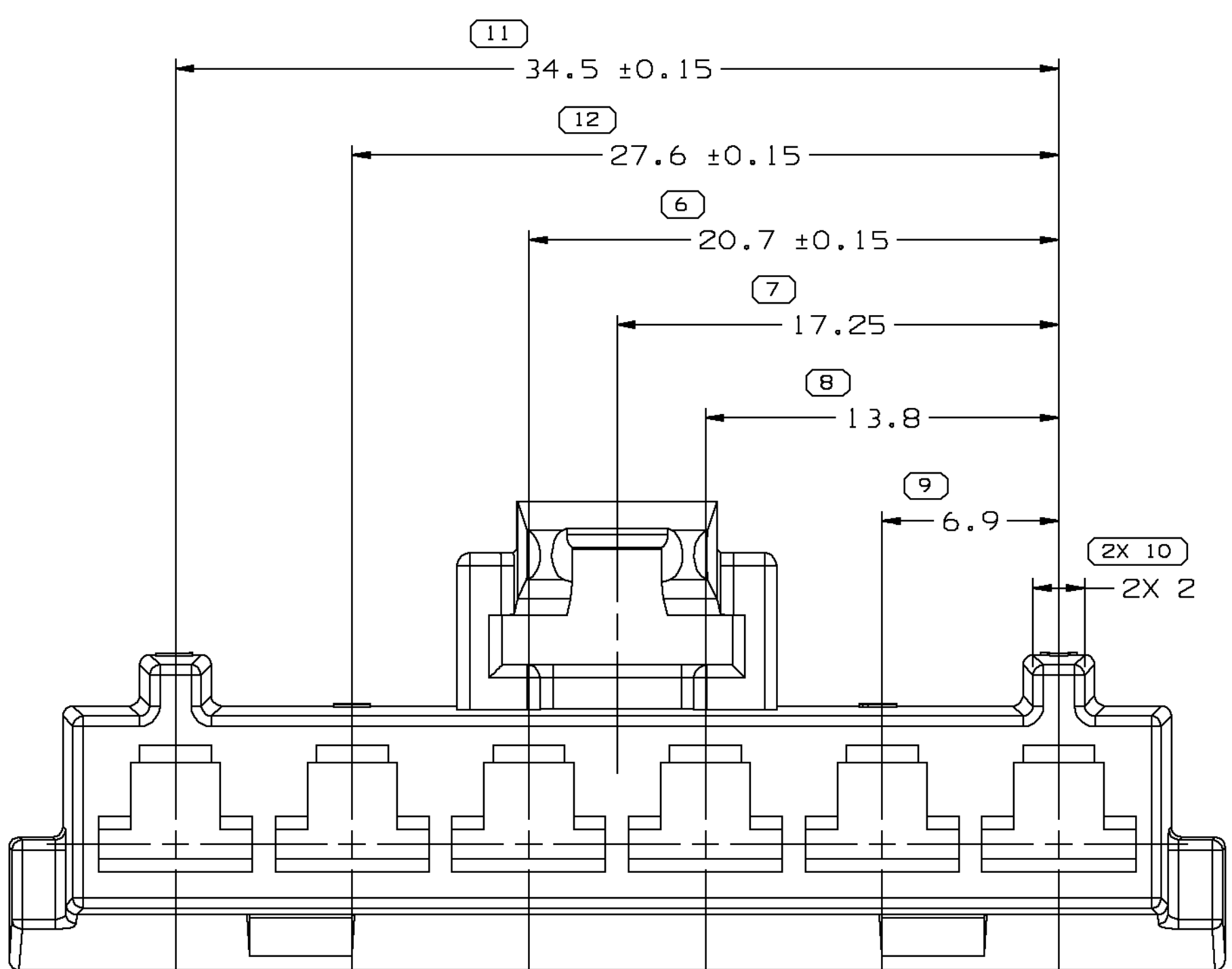
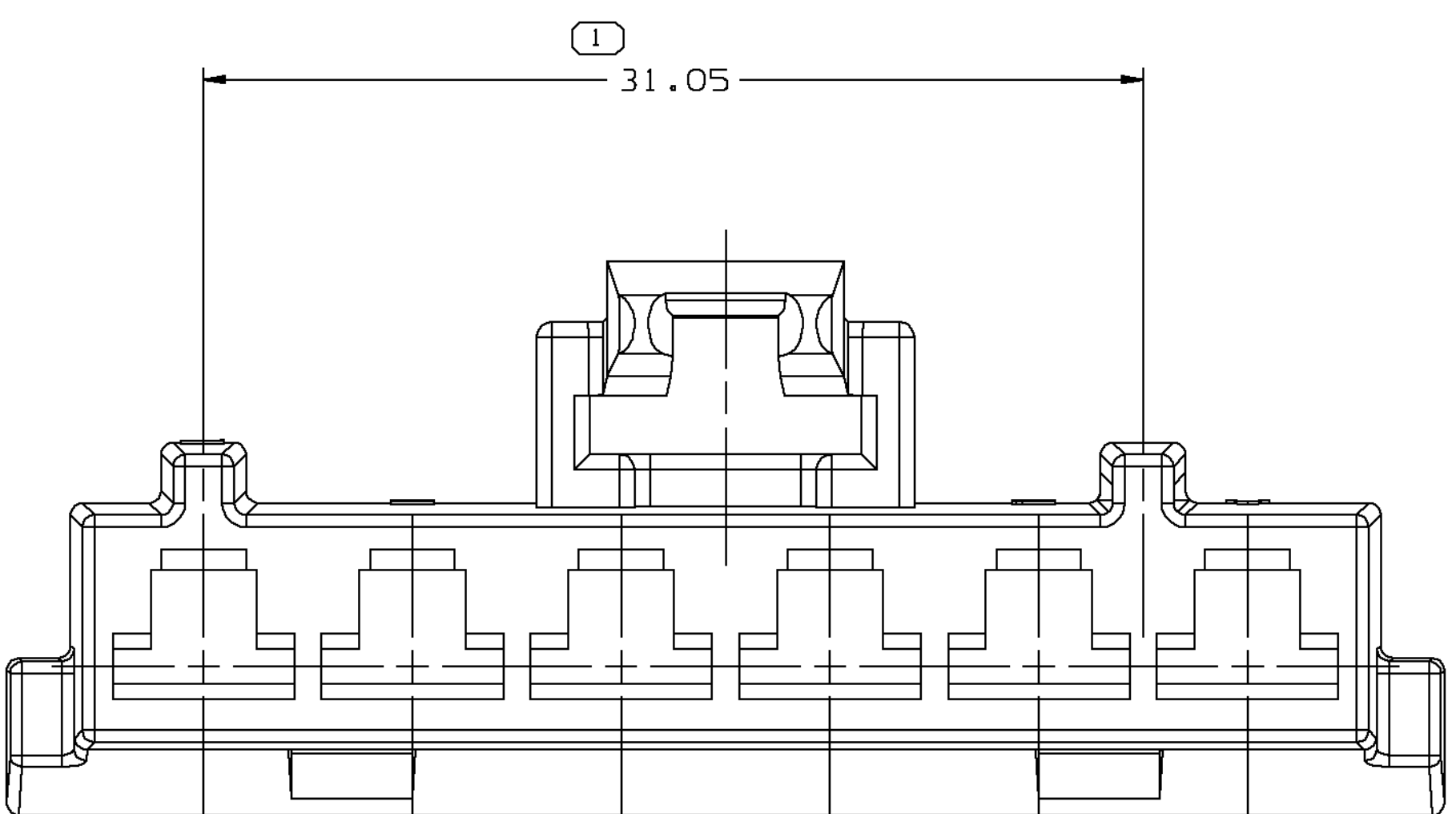
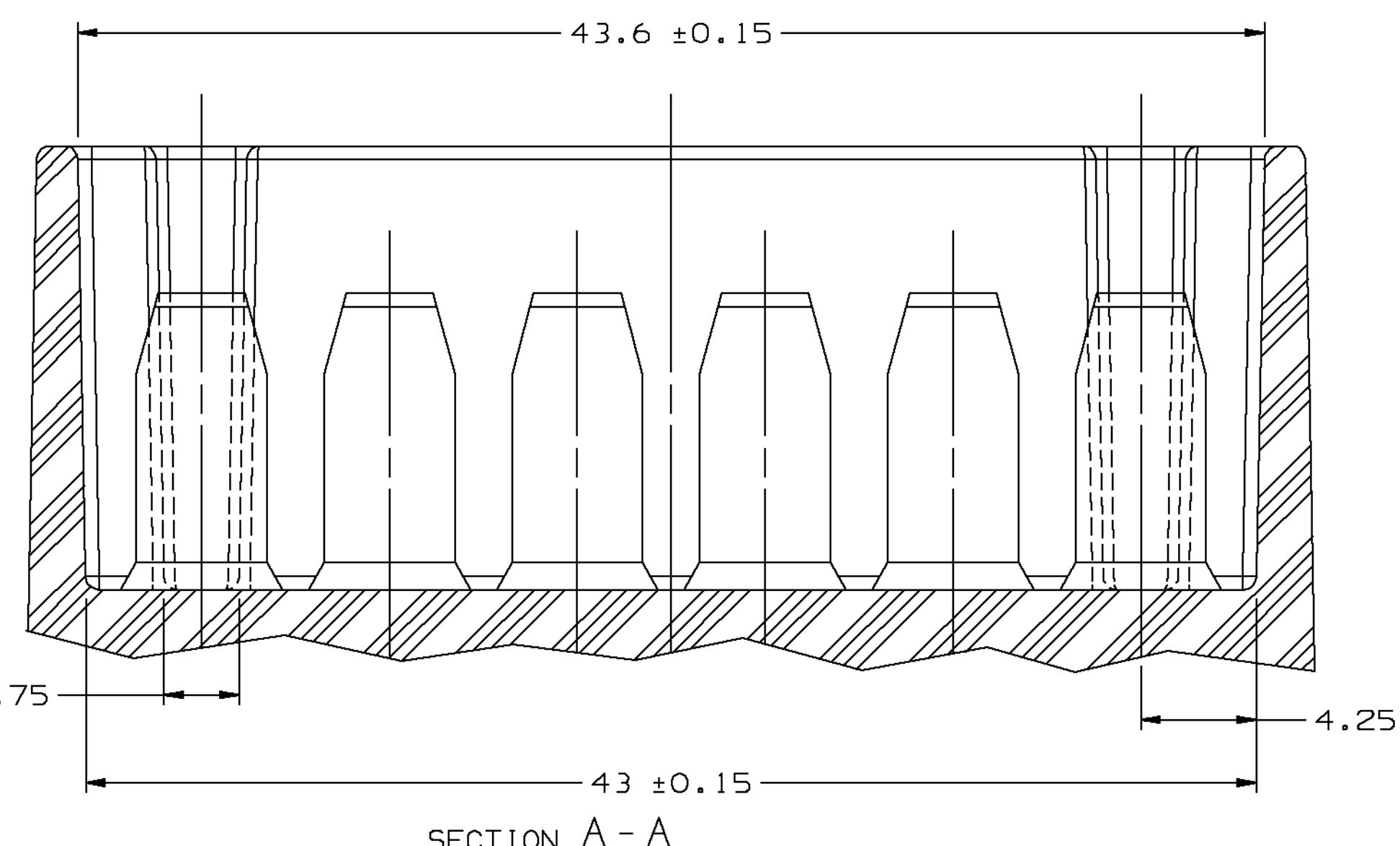
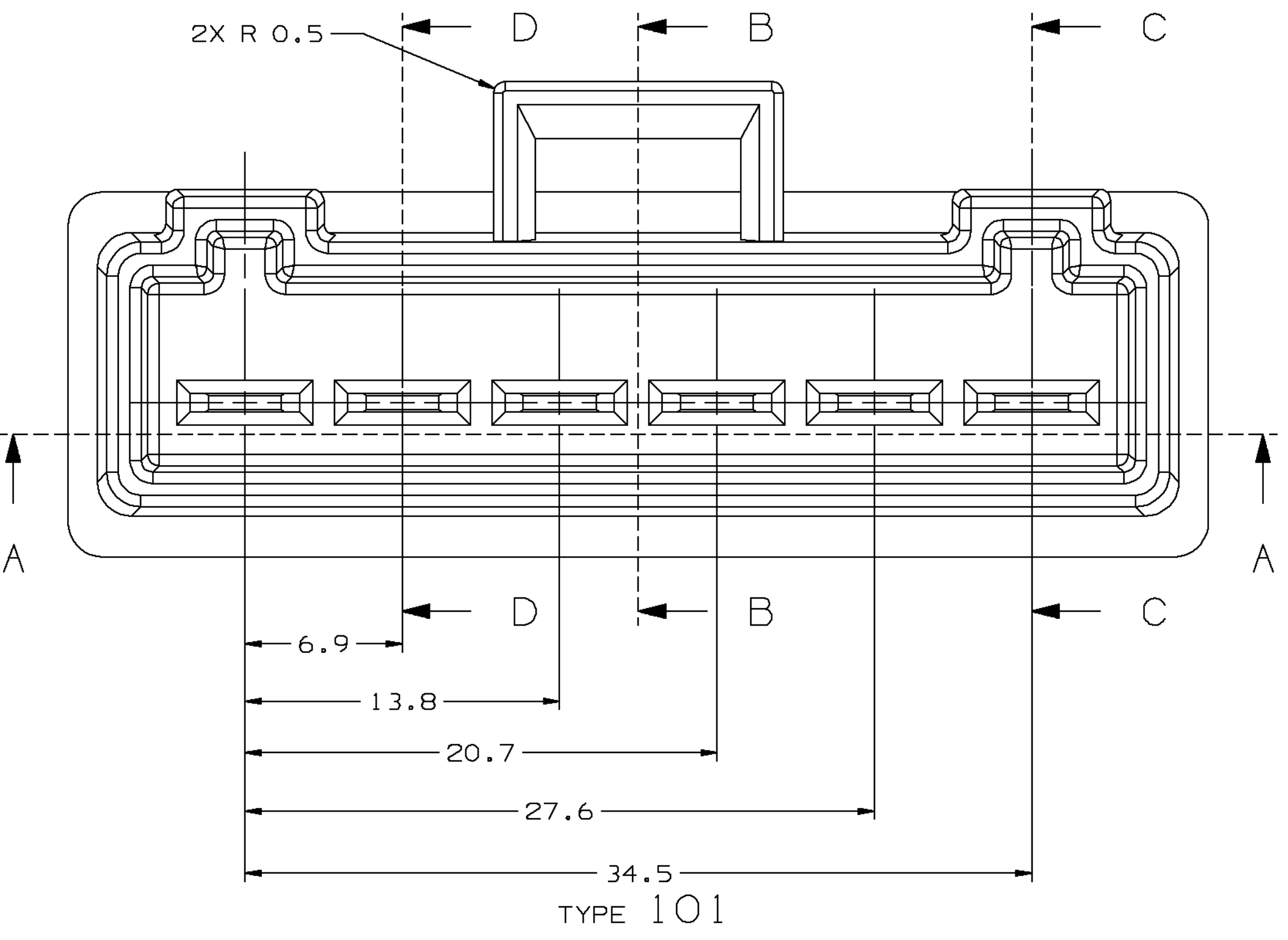
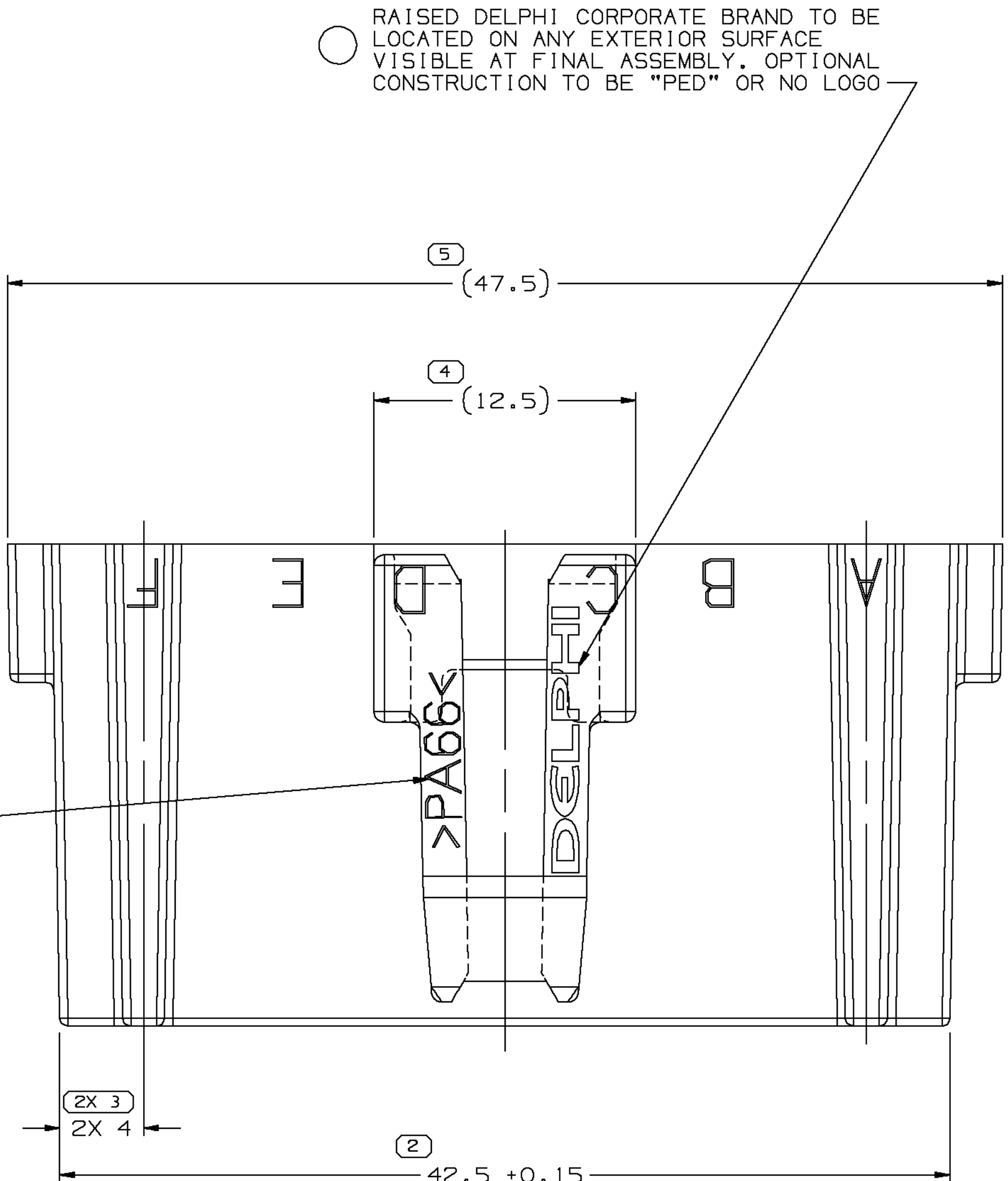
- BASE METAL - CDA-210, EXTRA SPRING TEMPER
- * TIN PLATING (WHERE APPLICABLE TO 125 C MAX CONTINUOUS USAGE): 0.005 - 0.0025 MM (200 - 100 μIN) ELECTROPLATED TIN.
- * USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MINIMUMS

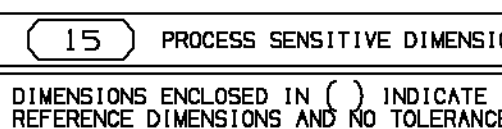
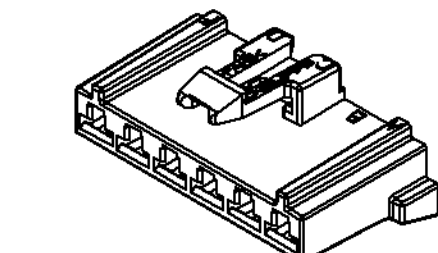
- ELECTRICAL CONDUCTIVITY - 20% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY ≥28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
- TENSILE STRENGTH - 407 MPa
- UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μIN) 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

- RAISED CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE NO MATERIAL RECYCLING CODE



- 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.
 - SEALING CODE 0 - UNSEALED
 - MATING COMPONENTS OR EQUIVALENT: CONNECTOR SEE CHART
 - THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT: CAVITIES TO ACCEPT 12015828 TERMINAL MAX INSULATION CRIMP MUST BE LESS THAN 4.4 HIGH AND 5.8 WIDE. SECONDARY TERMINAL LOCK 12084798 CONNECTOR POSITION ASSURANCE LOCK 12052834
 - USE OF PLATED TERMINAL WITH THIS CONNECTOR MAY RESULT IN A MATING FORCE WHICH EXCEEDS THE RECOMMENDED MAXIMUM VALUE FOR NON-MECHANICALLY ASSISTED CONNECTORS (HAND ASSEMBLED).



FRAME NUMBER	SHEET NUMBER	DRAWING NUMBER
2 OF 2	1 OF 1	12084797

PART NO	REV	N/P	STATUS	MATERIAL SPECIFICATION AND COLOR	MATING CONNECTOR	VOLUME CM³
12084796	002	NA	+	M3592025	+	4.176
12084795	002	NA	+	M3592001	12084793	4.176

FROM	TO	ANGULAR TOLERANCE
0	> 70	± 0.2
> 70	> 100	± 0.1
> 100	> 150	± 0.1
> 150	> 200	± 0.1
> 200	> 250	± 0.1
> 250	> 300	± 0.1
> 300	> 400	± 0.1
> 400	> 500	± 0.1
> 500	> 600	± 0.1
> 600	> 700	± 0.1
> 700	> 800	± 0.1
> 800	> 900	± 0.1
> 900	> 1000	± 0.1

DATE	REV	N/P	SIZE
21/01/11	002	-	R

DELPHI Automotive Systems			
MATERIAL SPEC SEE CHART			
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI-A-10949001			
PART DRAWING		DISTR CODE	
CODE NUMBER 6900	DWG DATE 01DEC87	SCALE 5:1	D
QC SPEC	STYLE	VOLUME cm³ SEE CHART	
PART GEOMETRY 3D SOLID	UNLESS OTHERWISE SPECIFIED:		
CHANGE RESTRICTED NO MANUAL CHANGES	THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M - 1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.		
COPY OF MATH DATA DO NOT SCALE	REFERENCE	DATE	
METRIC UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS	DR	03NOB7	
THIRD ANGLE PROJECTION	APV01 D. WIZNER	19FEB8	
	APV02 T. NADASKY	24JUN8	
	APV03 D. BRANTINGHAM		
	APV04		
	APV05		
SHEET NUMBER	DRAWING NUMBER	DWG STATUS	SIZE
1 OF 1	12084797	R 002 -	R
TAXI CONN 6F M/P 480			

Mouser Electronics

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