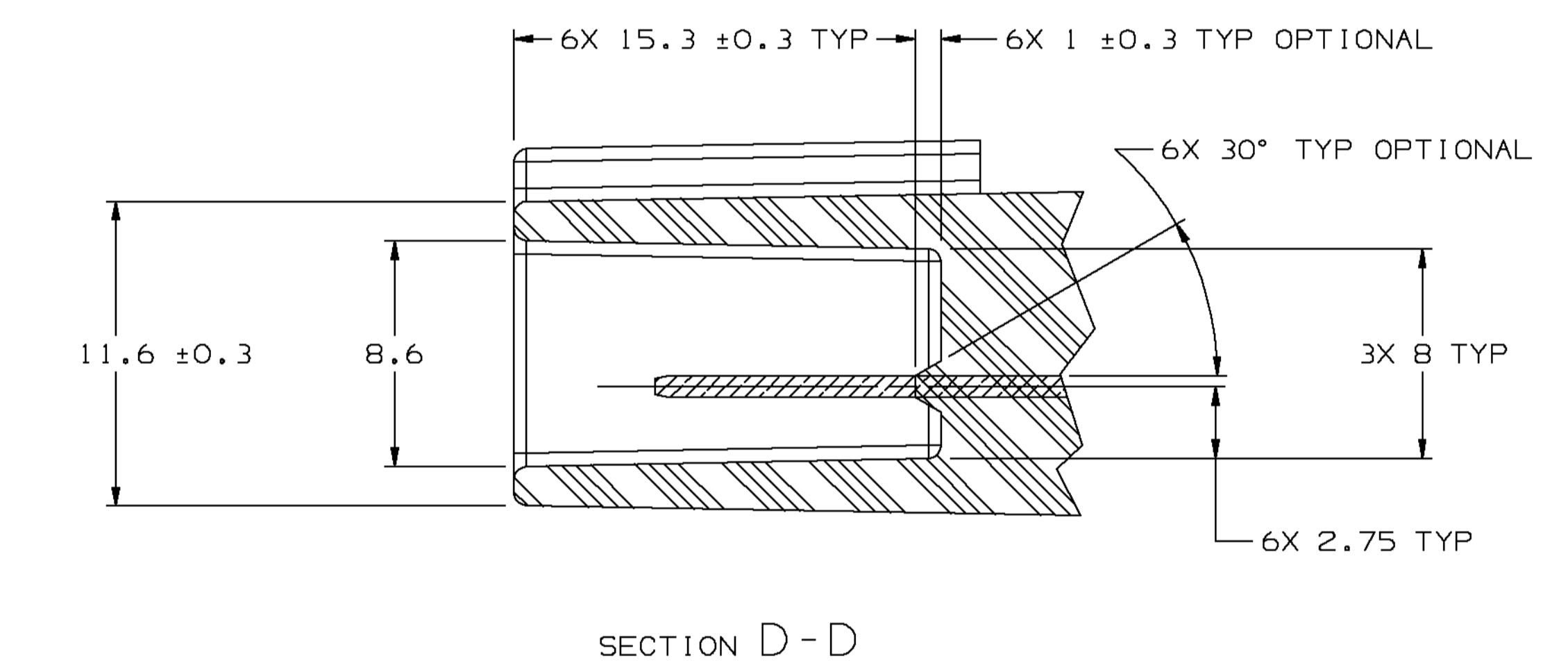
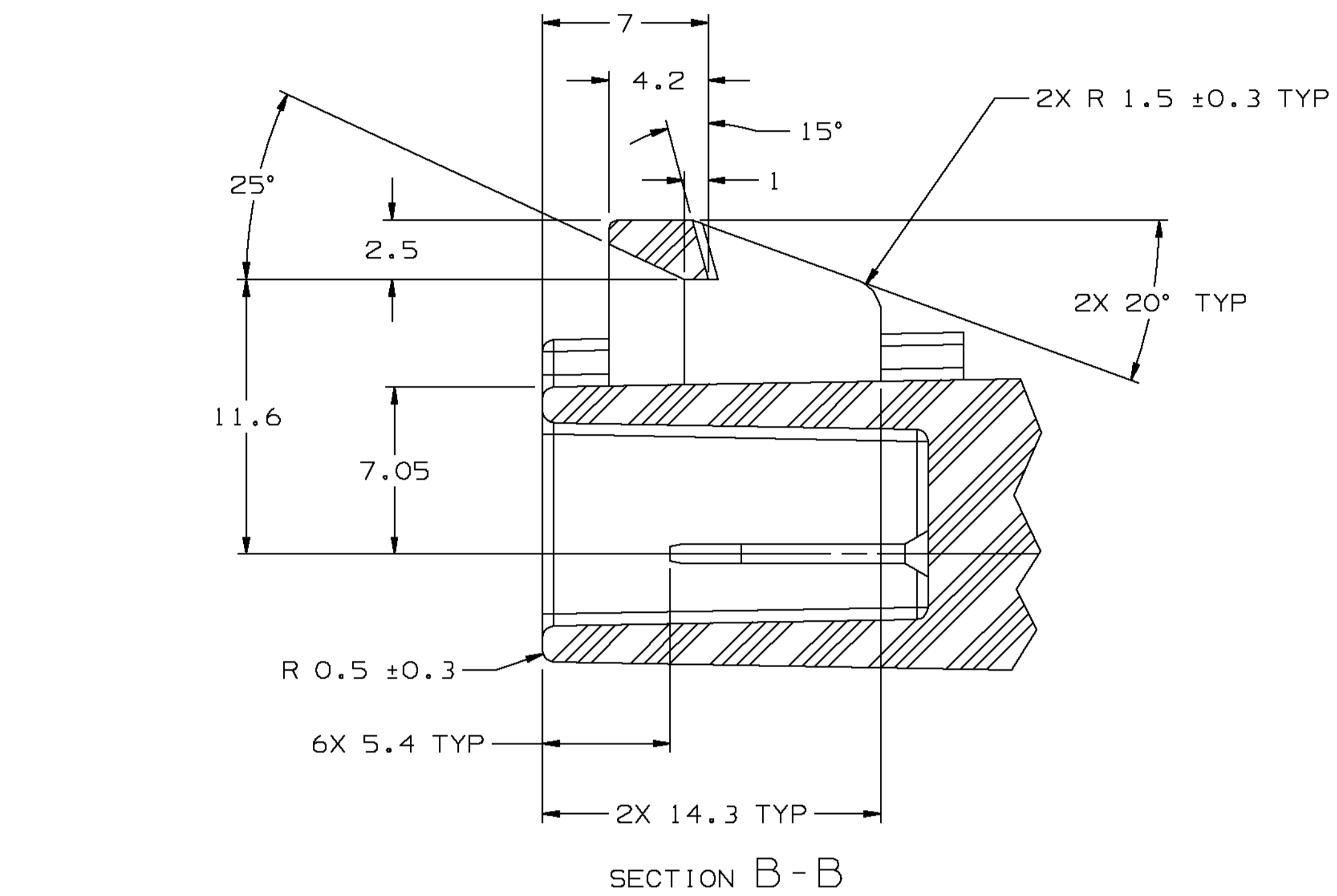
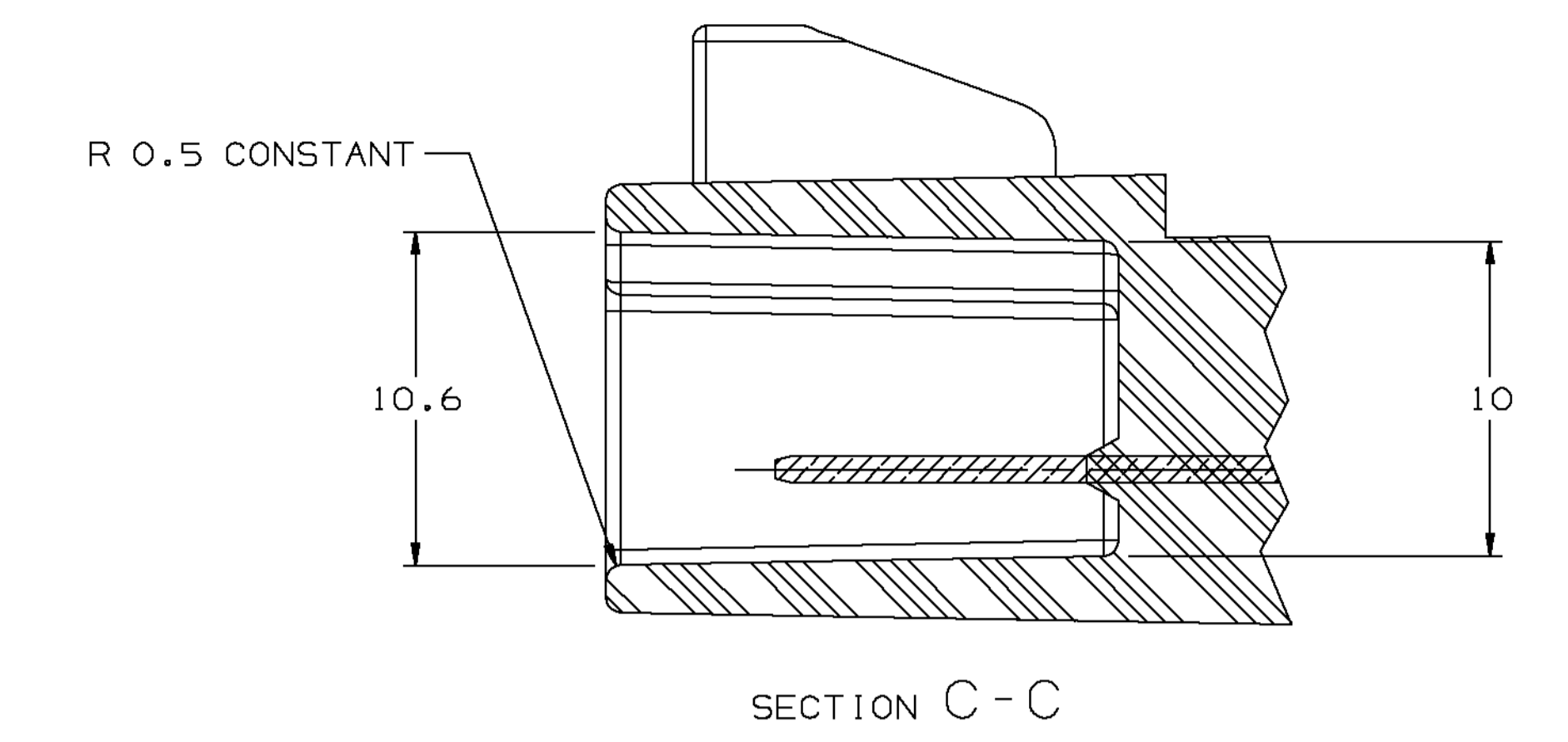


SYMBOL DEFINITION		TOTAL NO OF INSPECTIONS REQUIRED	NO MISSING SYMBOL NUMBER
□	DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	31	
□	LAST NO. USED	21	

MISSING SYMBOLS				REVISION HISTORY				AUTH		
DATE	STG	REV	CHG	DATE	BY	CHK	APPV	OR	CK	APPV
28A01	R	001	-	212977	EDV	JH				
28A01	R	002	-	213650	EDV	JH				



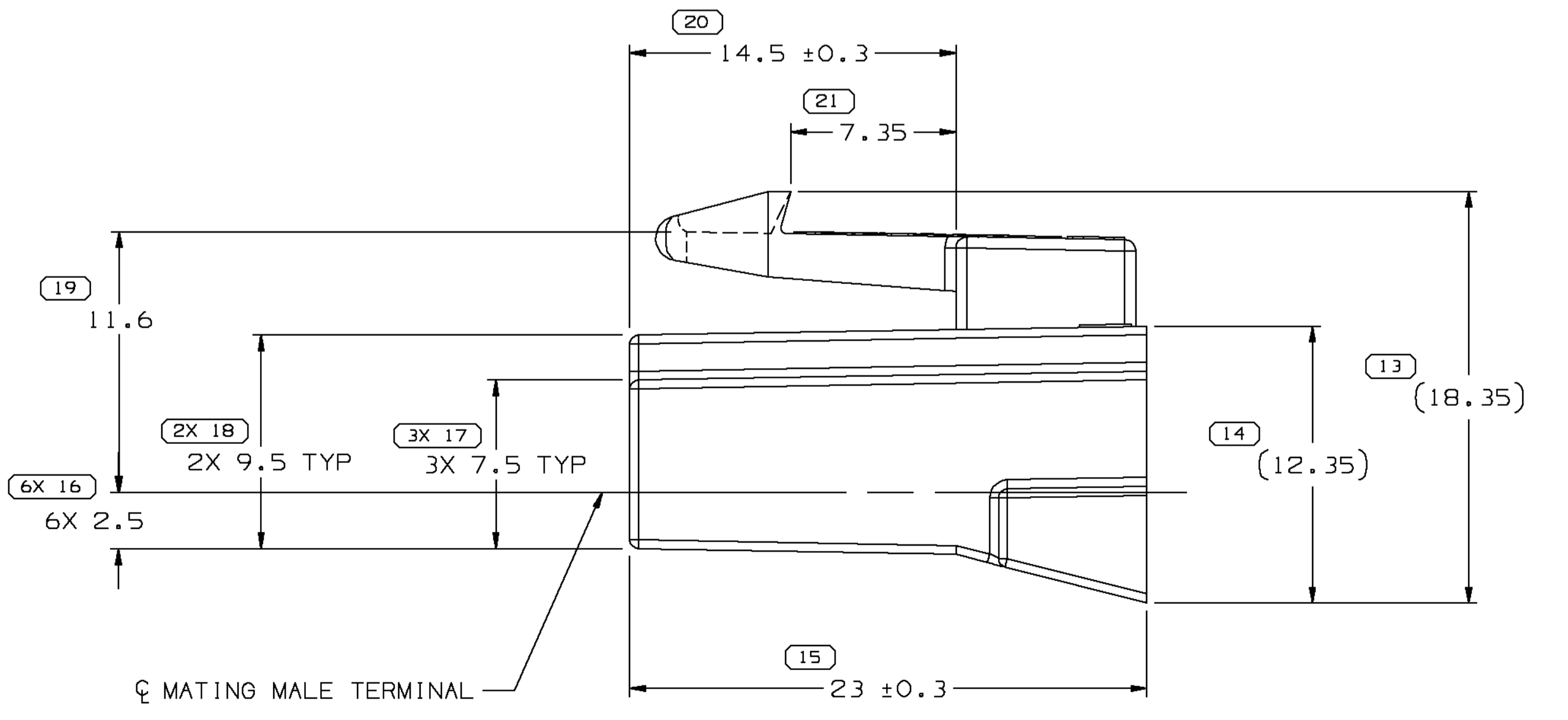
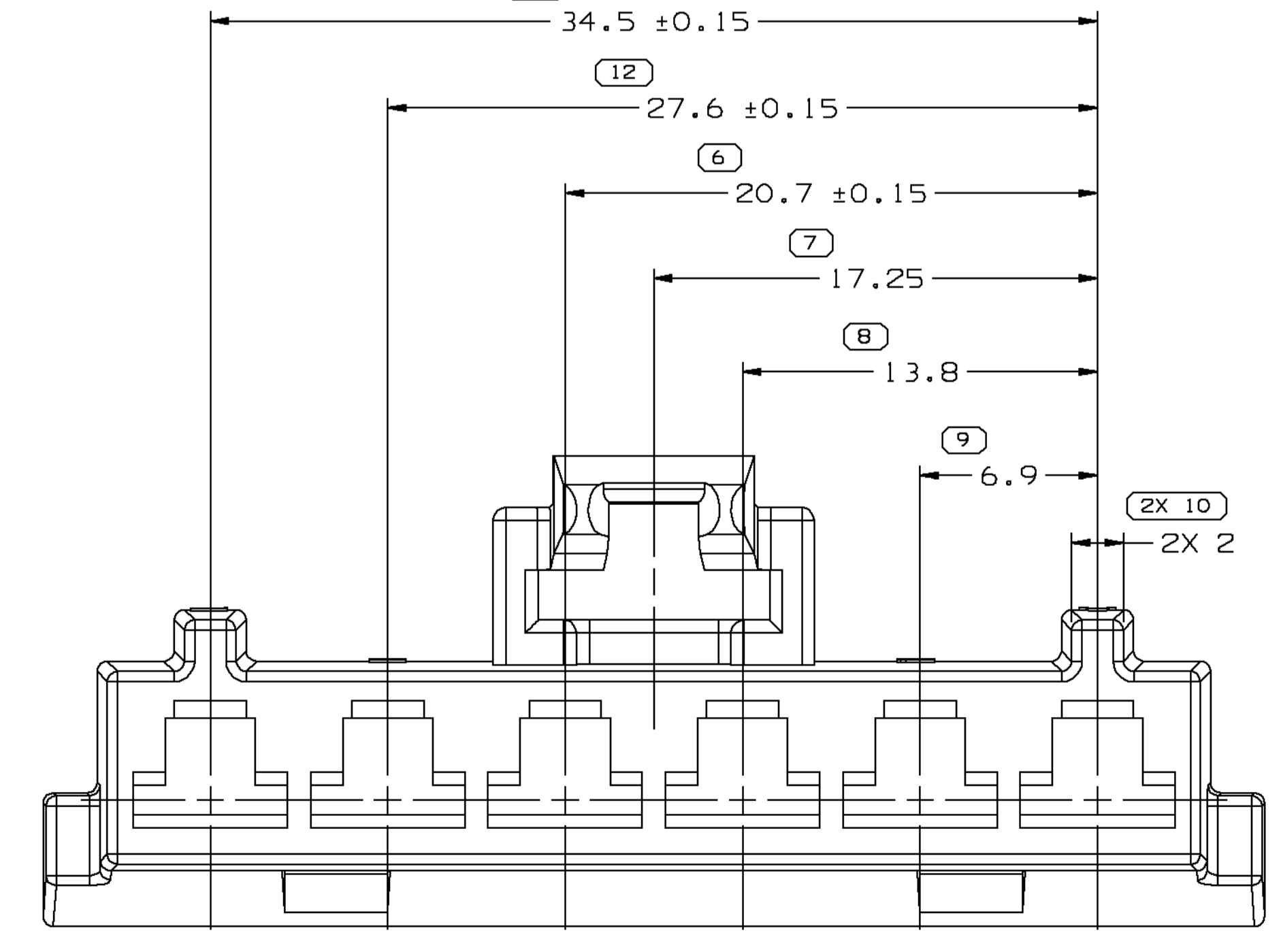
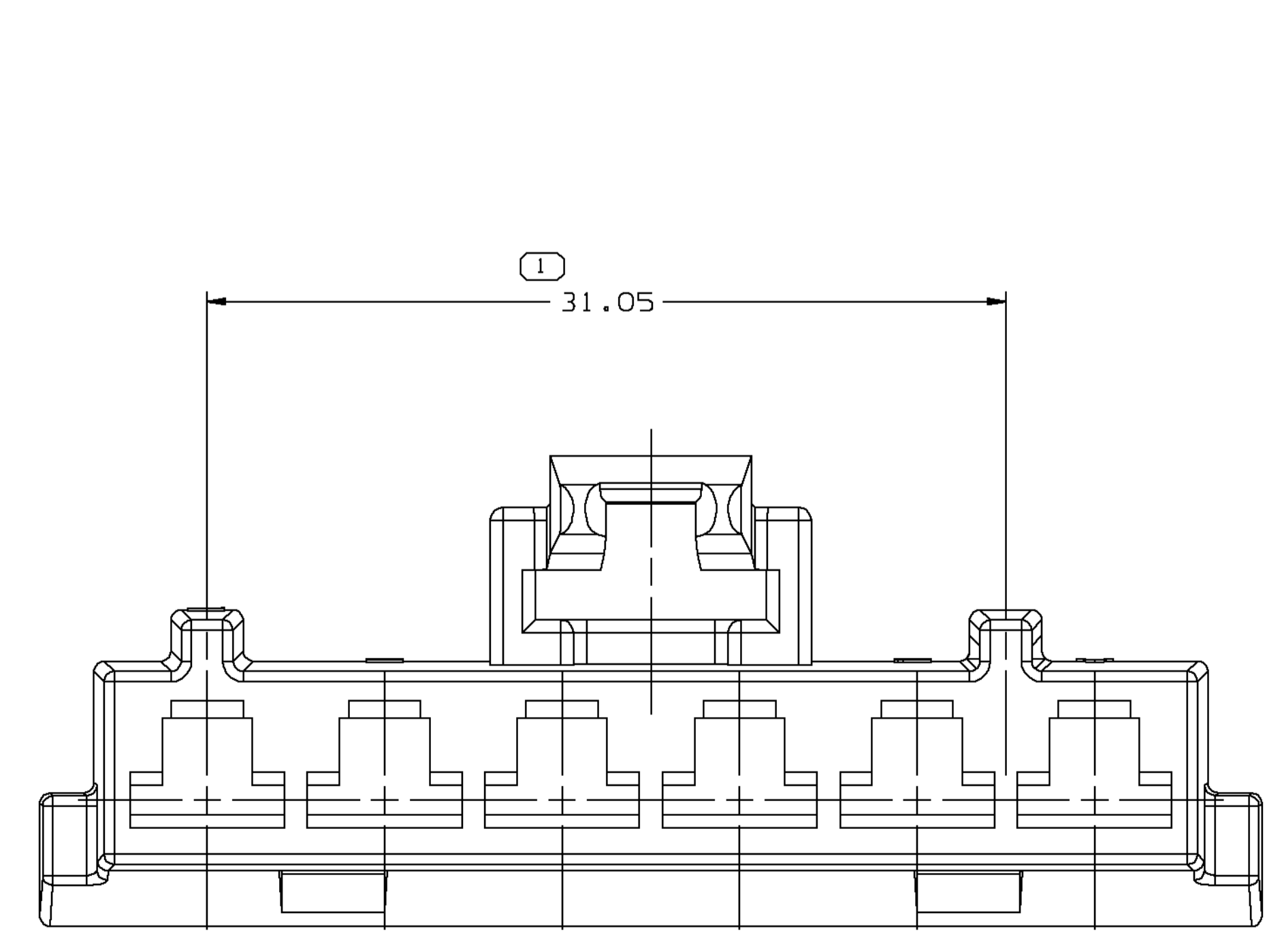
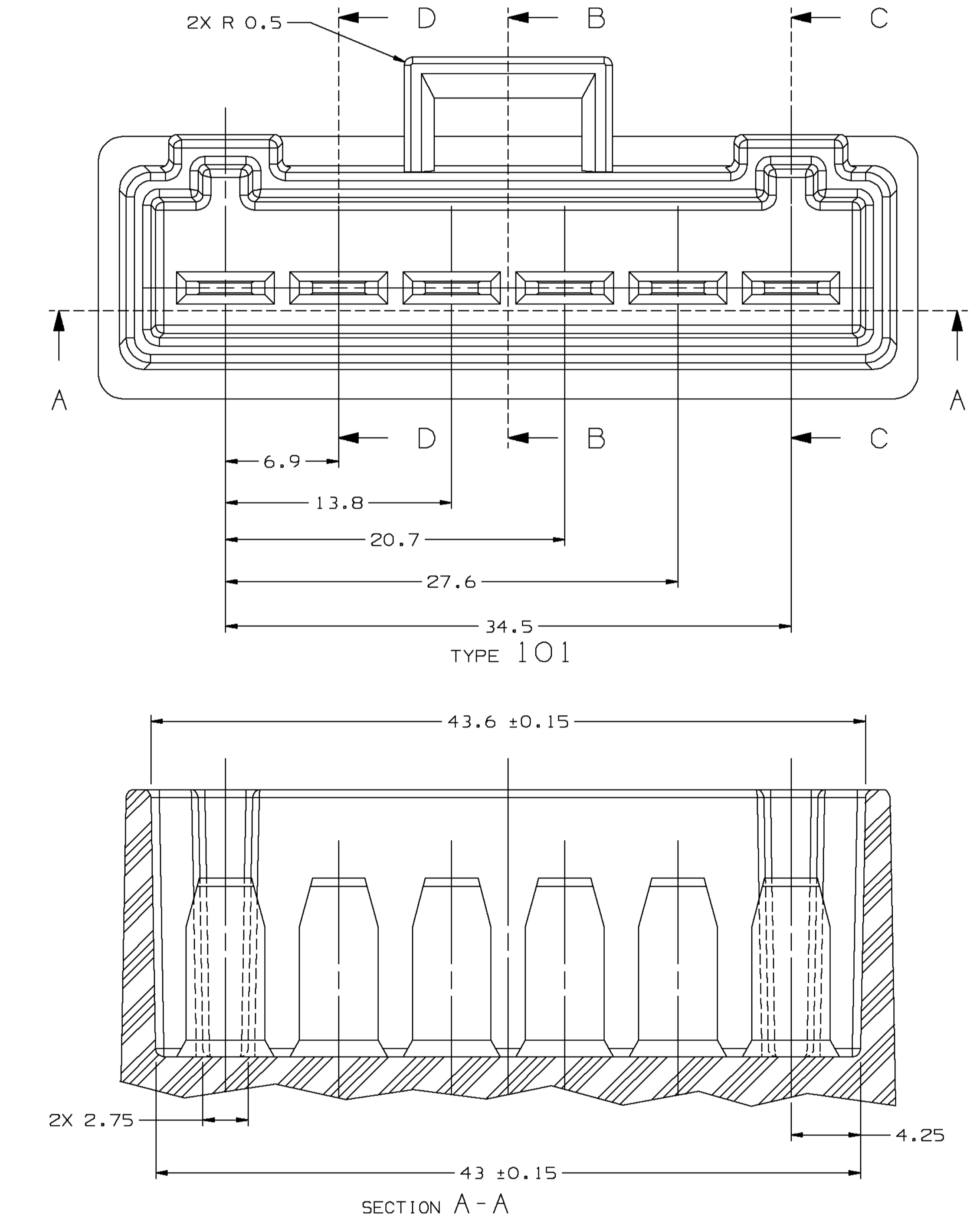
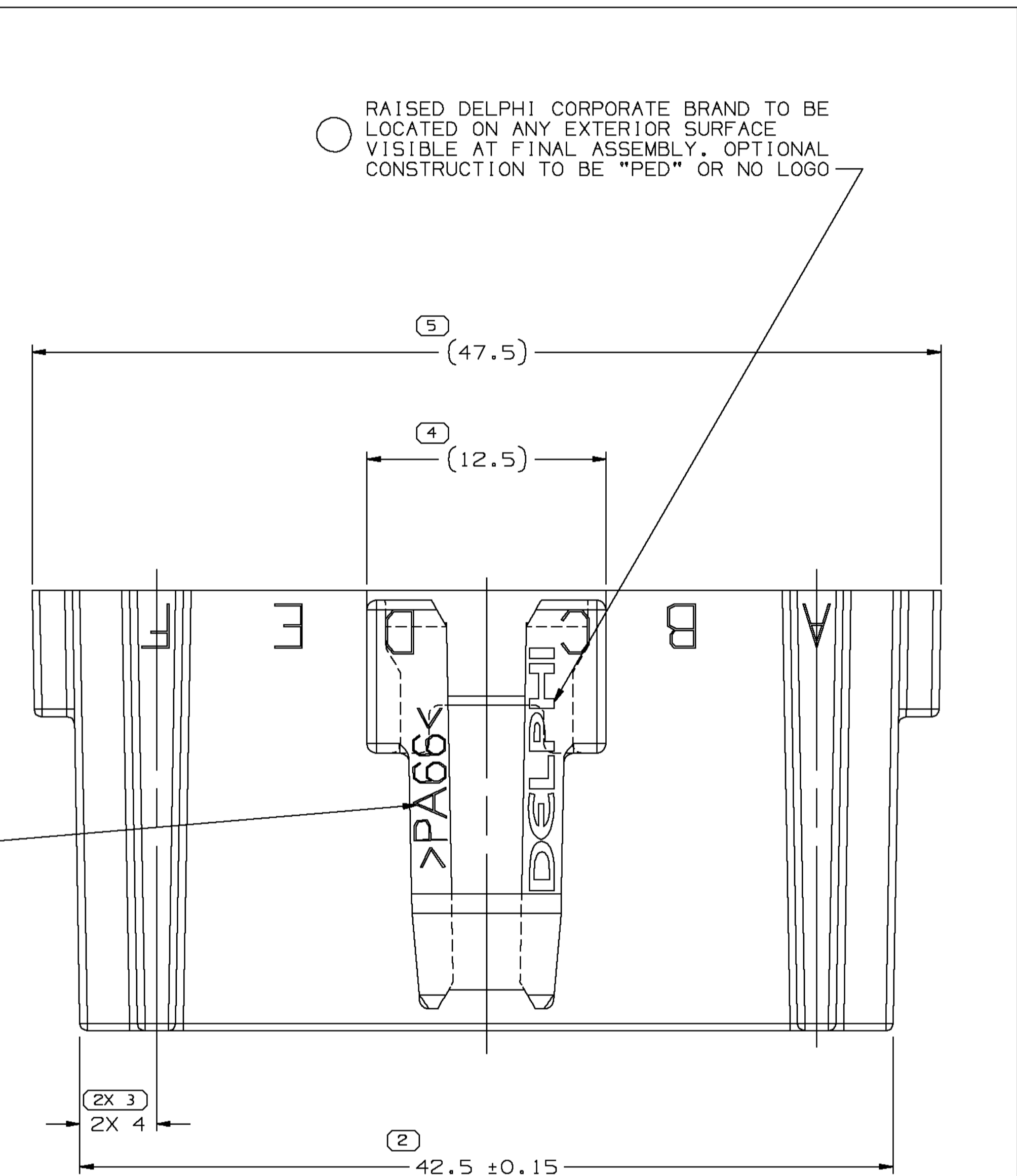
- NOTES
- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADIUS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

**MATERIAL SPECIFICATIONS**

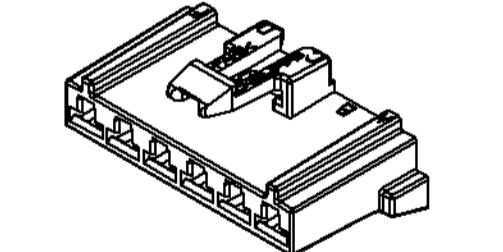
- RECOMMENDED
- BASE METAL - CDA-210, EXTRA SPRING TEMPER
  - TIN PLATING (WHERE APPLICABLE TO 125 C MAX CONTINUOUS USAGE): 0.005 - 0.0025 MM (200 - 100 μIN) ELECTROPLATED TIN.
  - USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.
- MINIMUMS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



**DELPHI**  
Automotive Systems

MATERIAL SPEC SEE CHART

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI-A-10949001

**PART DRAWING**

CODE NUMBER 6900	DWG DATE 010887	SCALE 5:1	DISTR CODE D
QC SPEC	STYLE	VOLUME CM³ SEE CHART	

PART GEOMETRY  
3D SOLID

UNLESS OTHERWISE SPECIFIED:  
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.

CHANGE RESTRICTED  
NO MANUAL CHANGES

COPY OF MATH DATA  
DO NOT SCALE

METRIC  
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION

DRAWING NAME  
TAXI CONN GF M/P 480

DR	DATE
APVD1 D. WIZNER	03NOB7
APVD2 T. NADASKY	19FEB8
APVD3 D. BRANTINGHAM	24JNB8
APVD4	
APVD5	

SHEET NUMBER 1 OF 2	DRAWING NUMBER 12084797	DWG STATUS R 002	SIZE R
------------------------	----------------------------	---------------------	-----------

12084796	082	AA	+	M3592025	+	4.176
12084795	082	AA	+	M3592001	+	4.176
PART NO	REV	NK/P	STATUS	MATERIAL SPECIFICATION AND COLOR	MATING CONNECTOR	VOLUME CM³