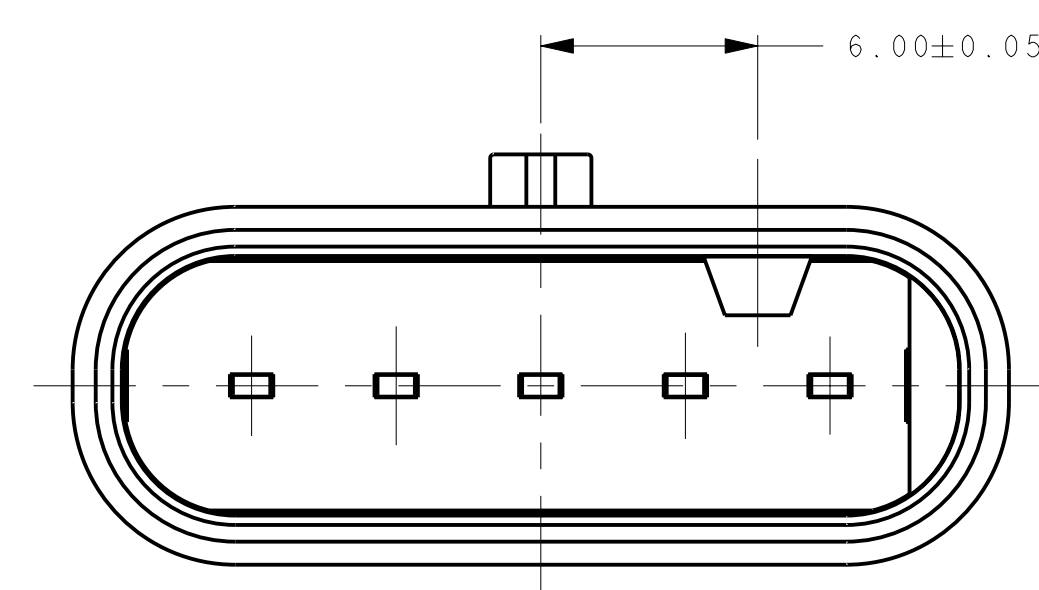
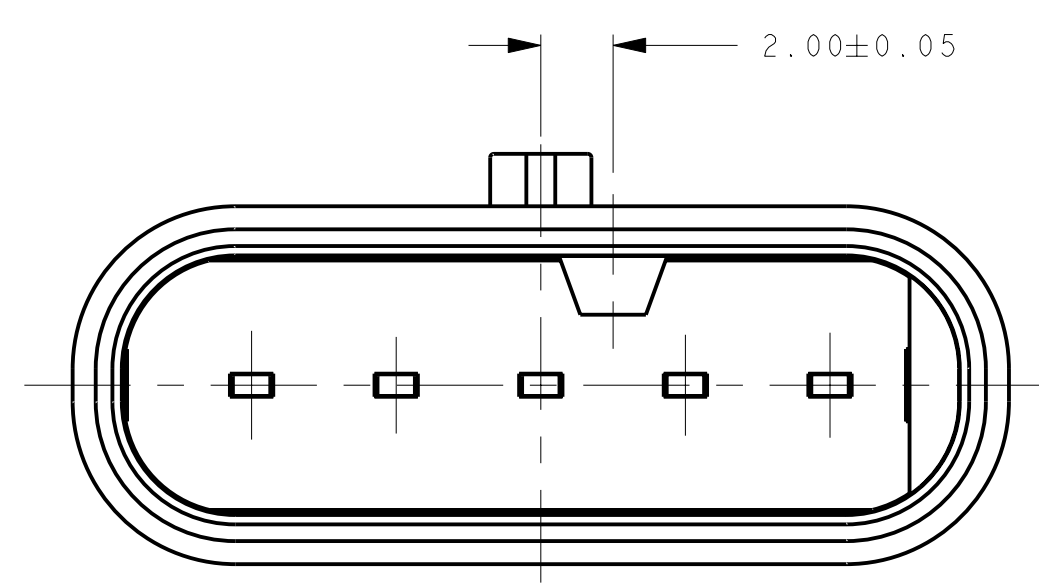


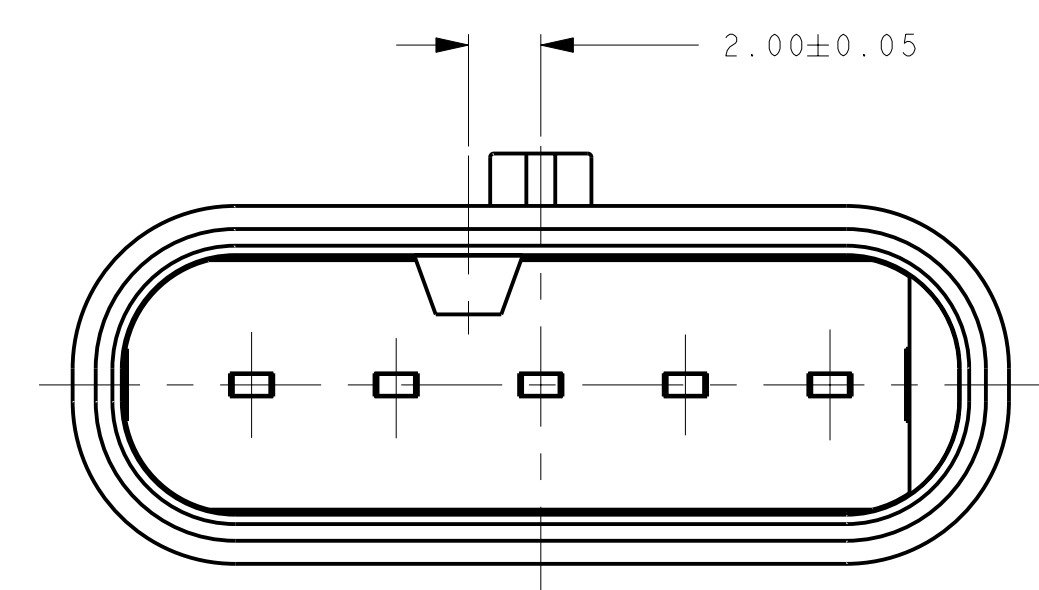
D



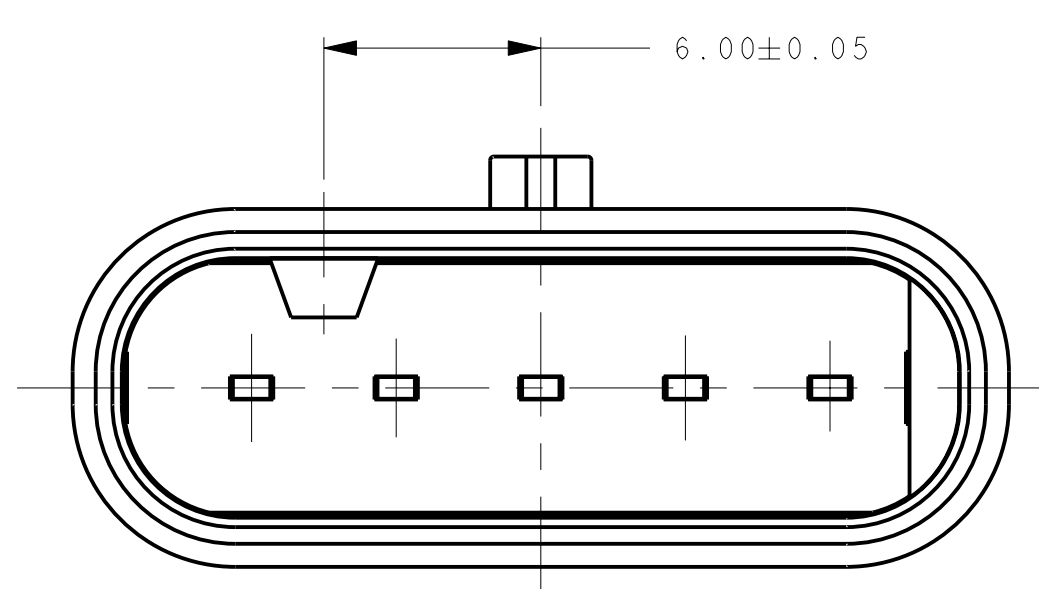
KEYING OPTION A



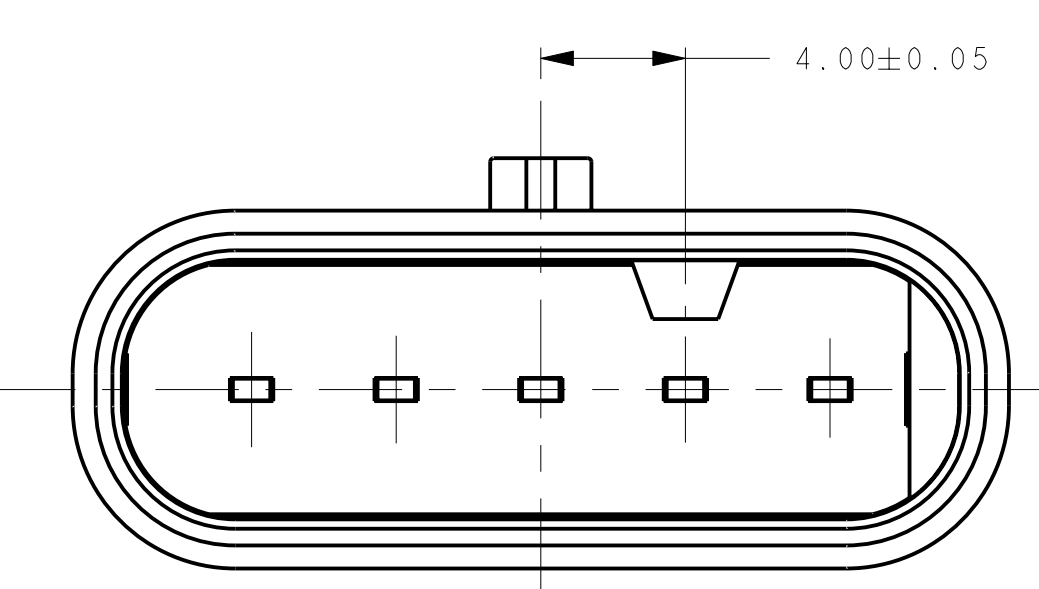
KEYING OPTION B



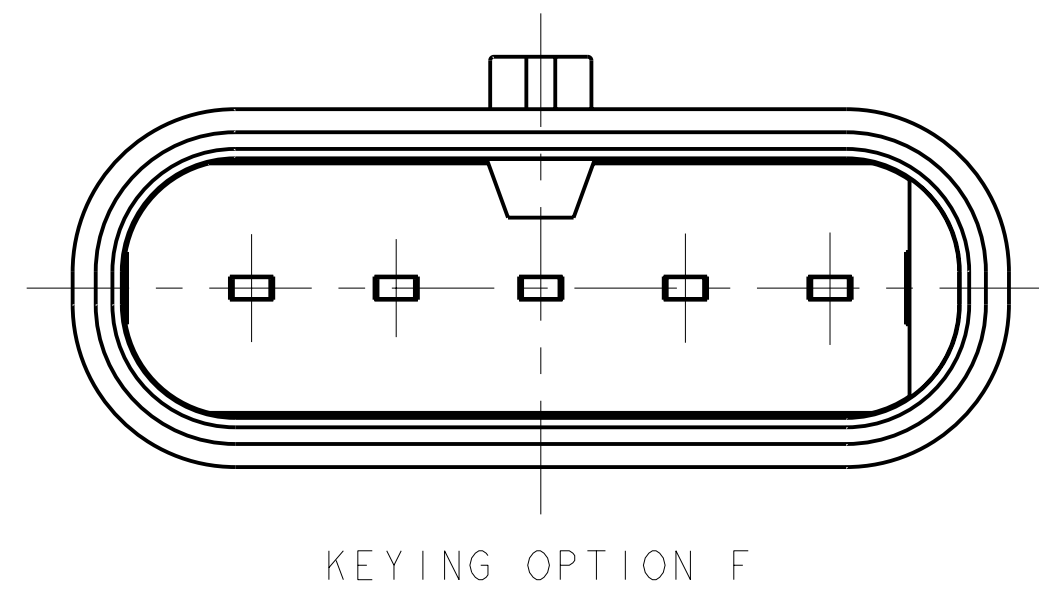
KEYING OPTION C



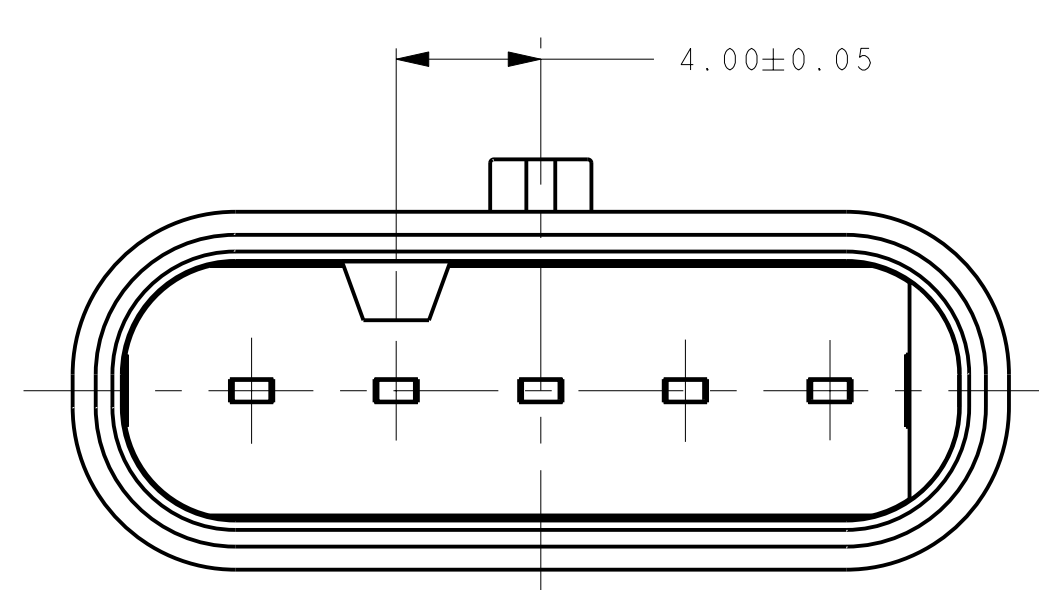
KEYING OPTION D



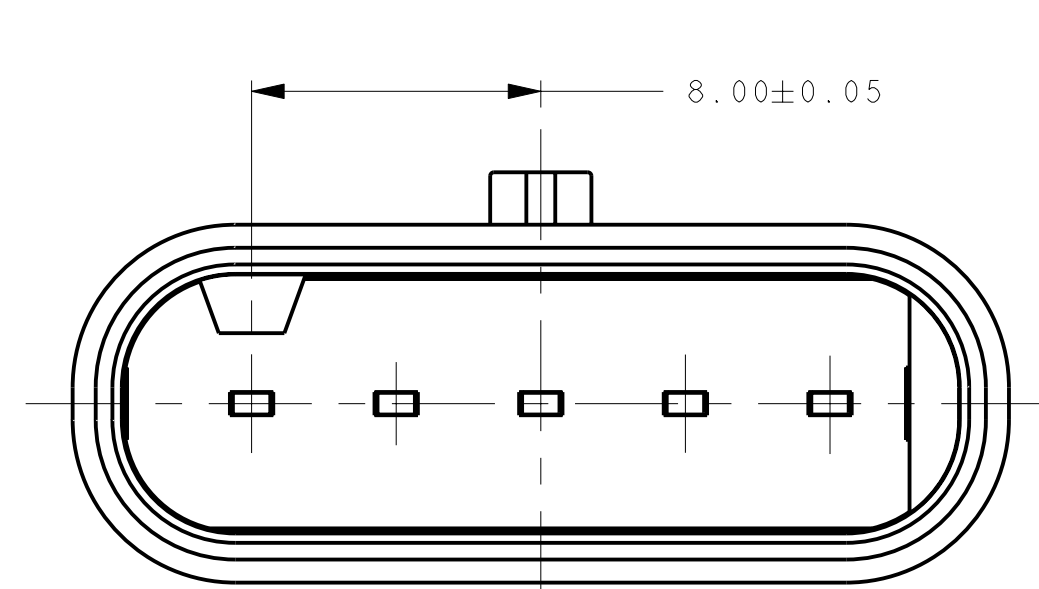
KEYING OPTION E



KEYING OPTION F



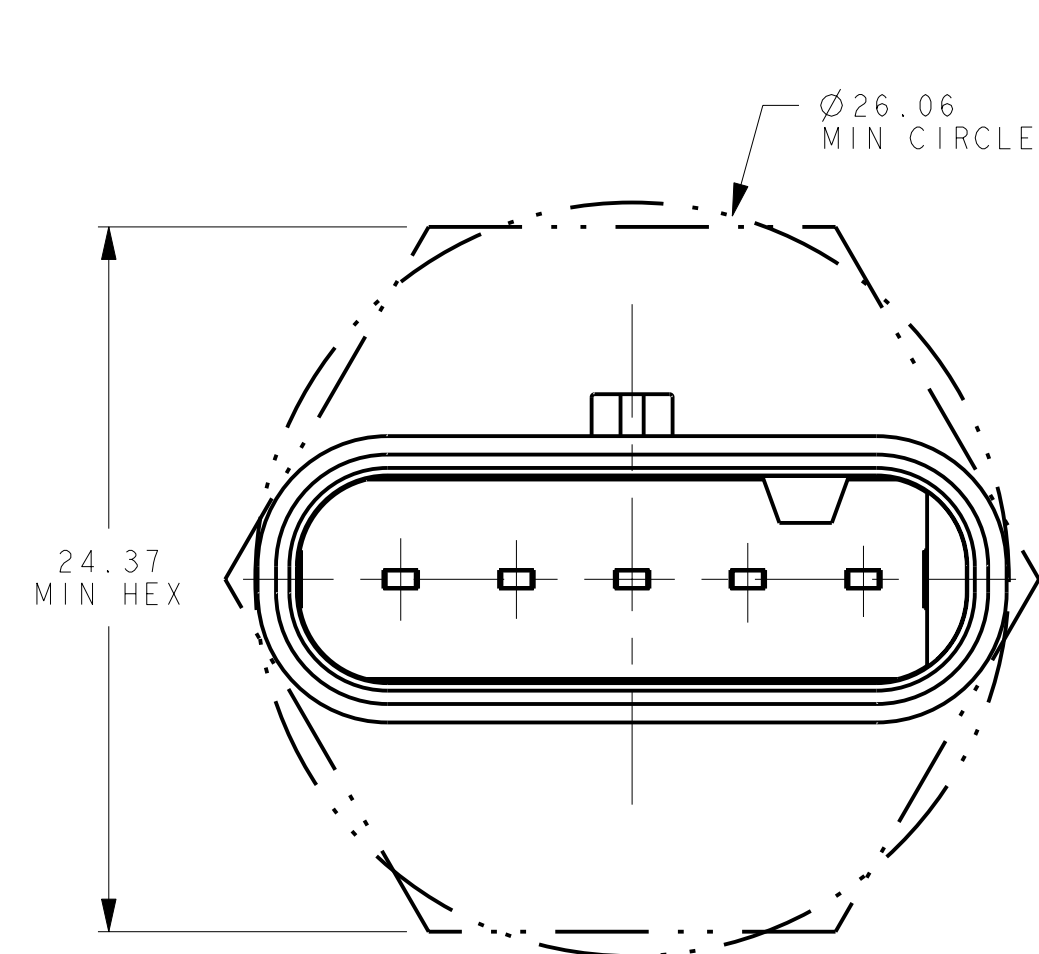
KEYING OPTION G



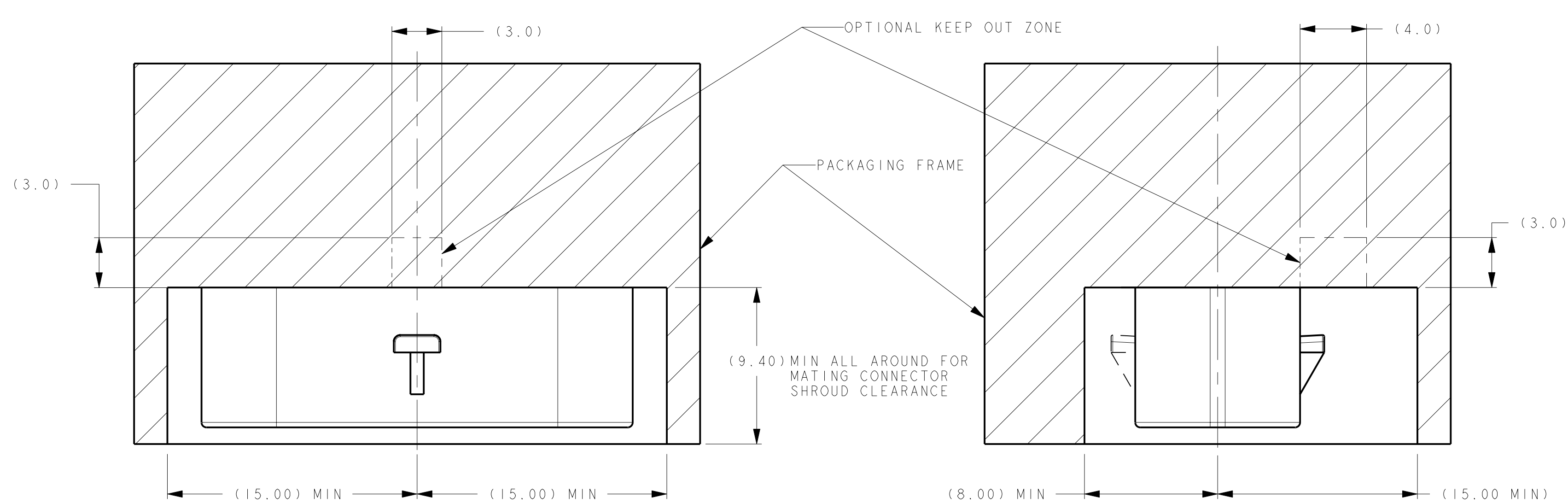
KEYING OPTION H

POLARIZATION VIEWS

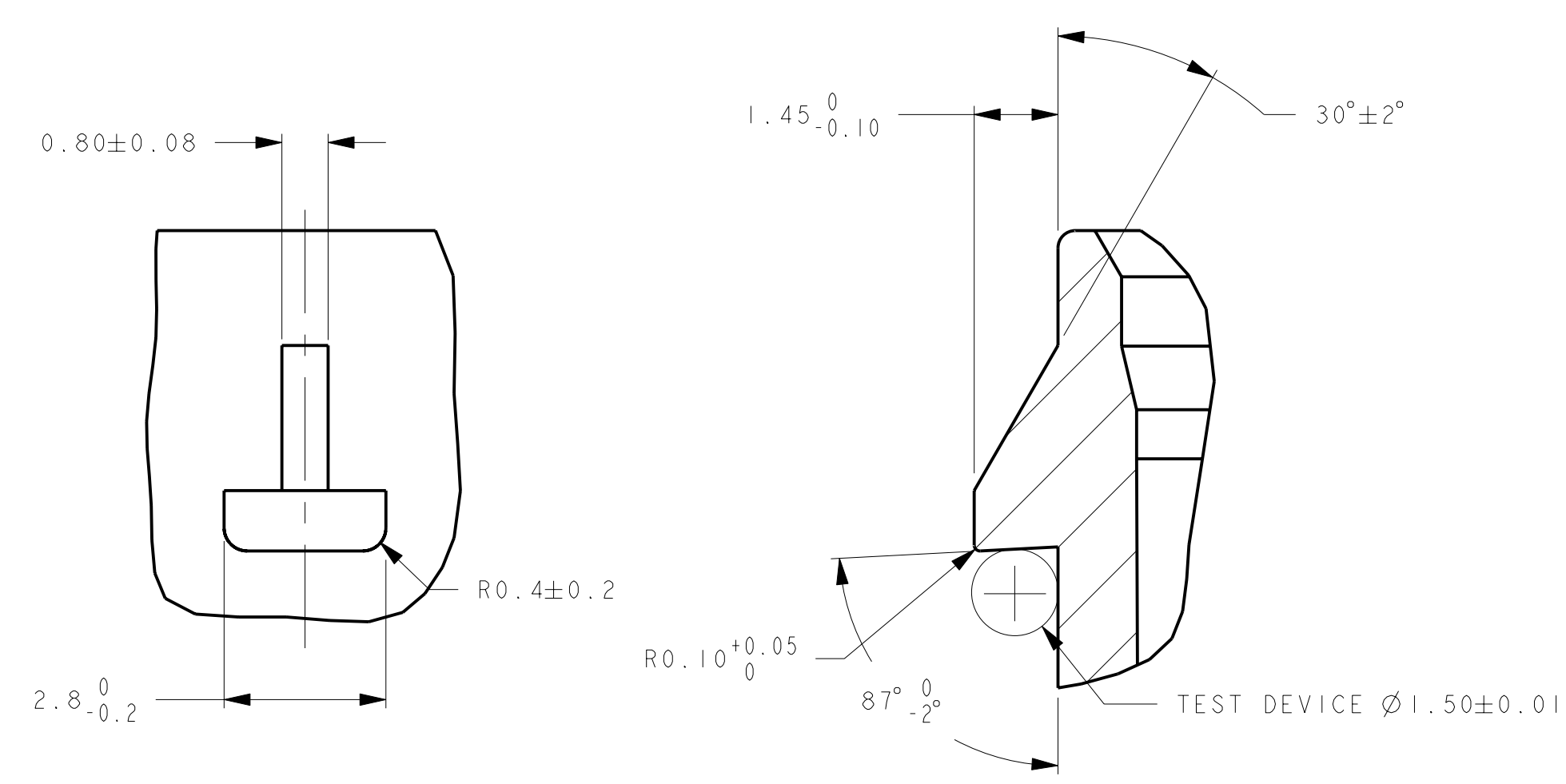
4



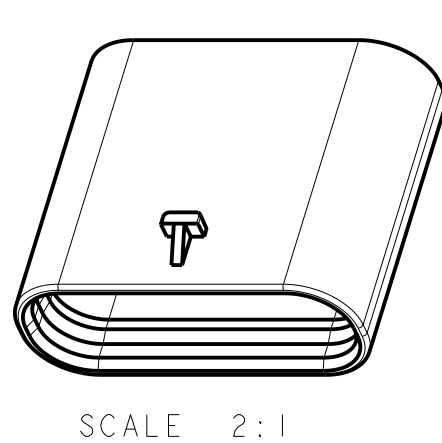
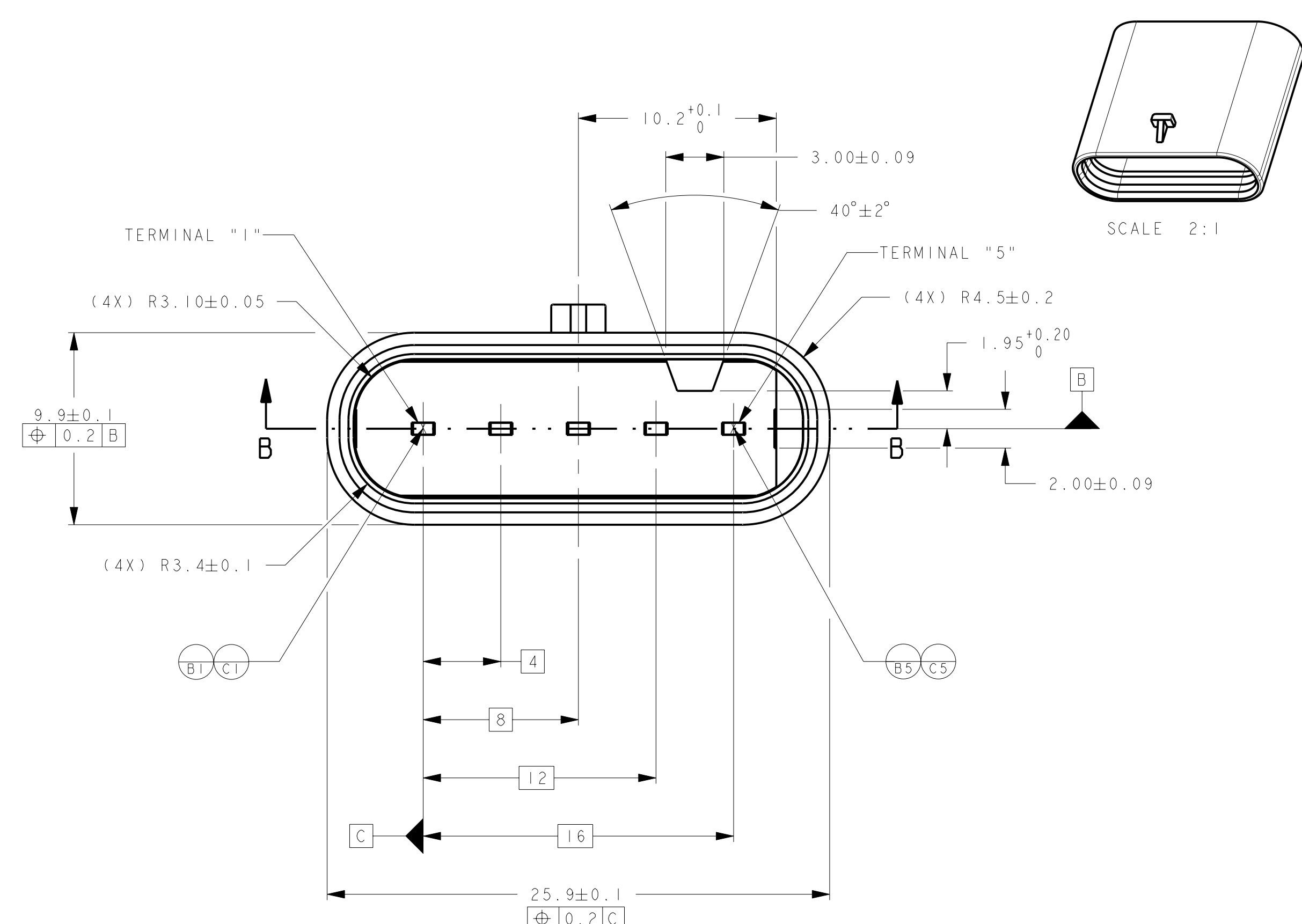
MINIMUM FIT SIZE - PROVIDED FOR INFORMATIONAL PURPOSES ONLY (BASED ON MAXIMUM MATERIAL CONDITION)



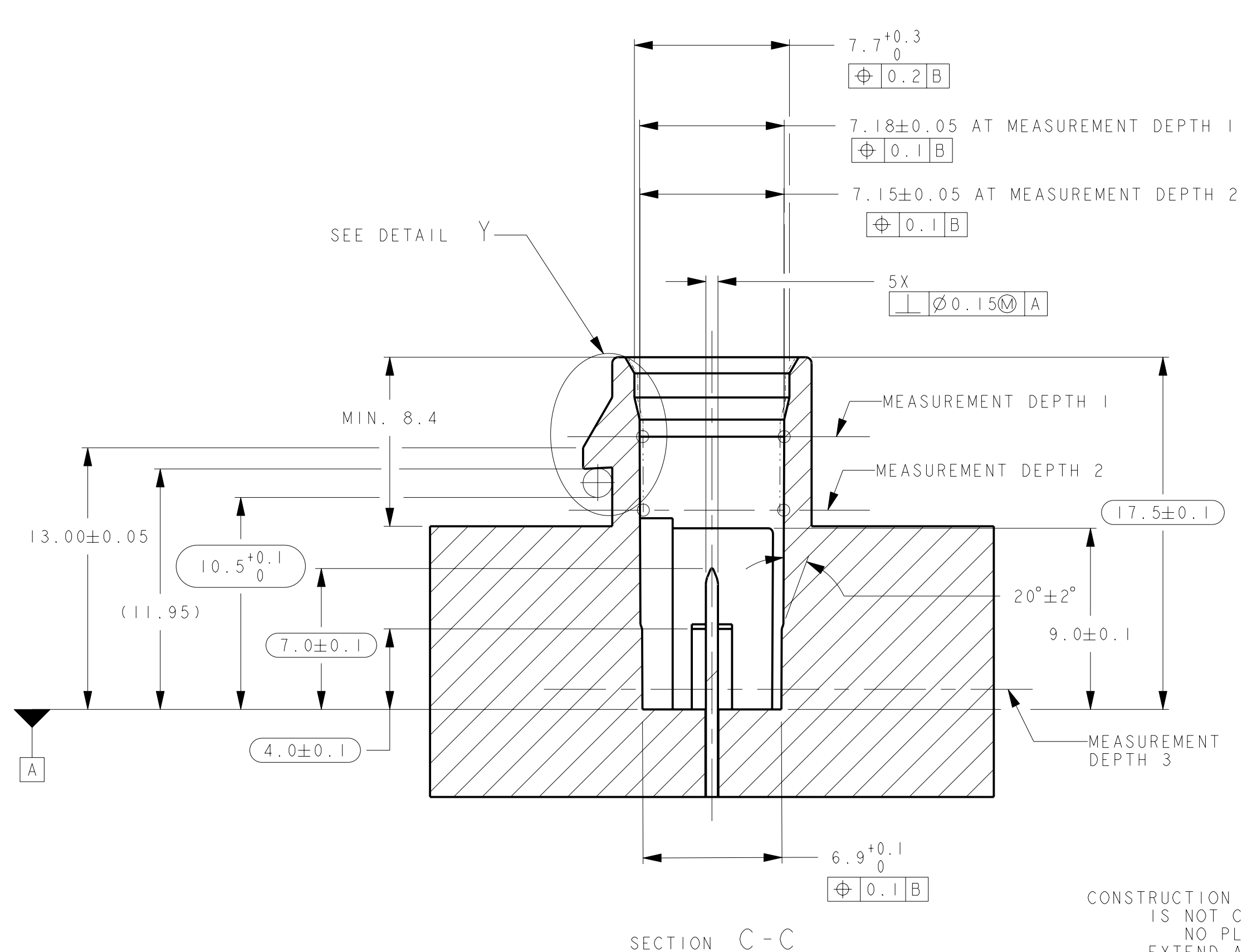
IF THE HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE FOR THE MATING CONNECTOR SHROUD.



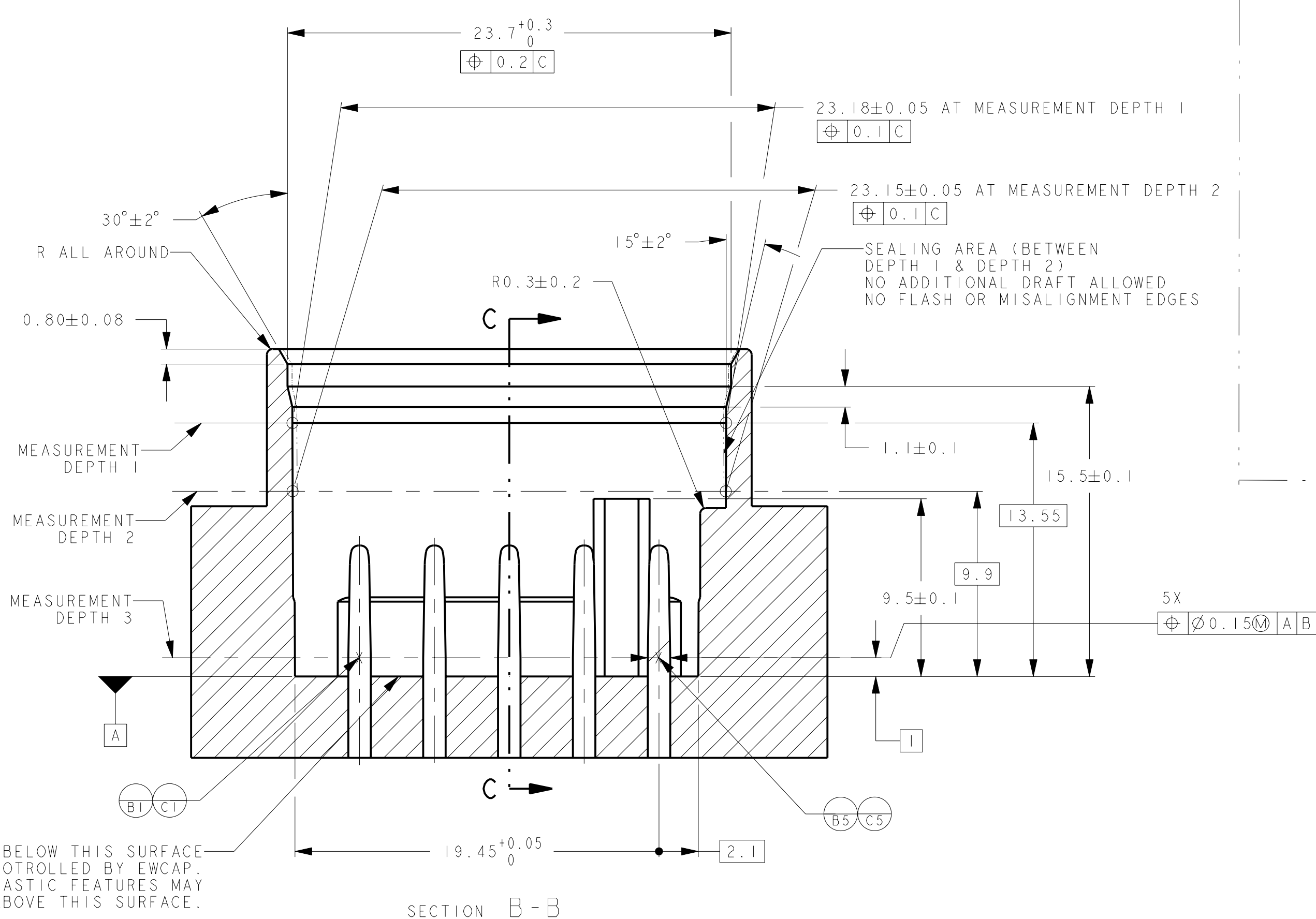
LATCH CONSTRUCTION



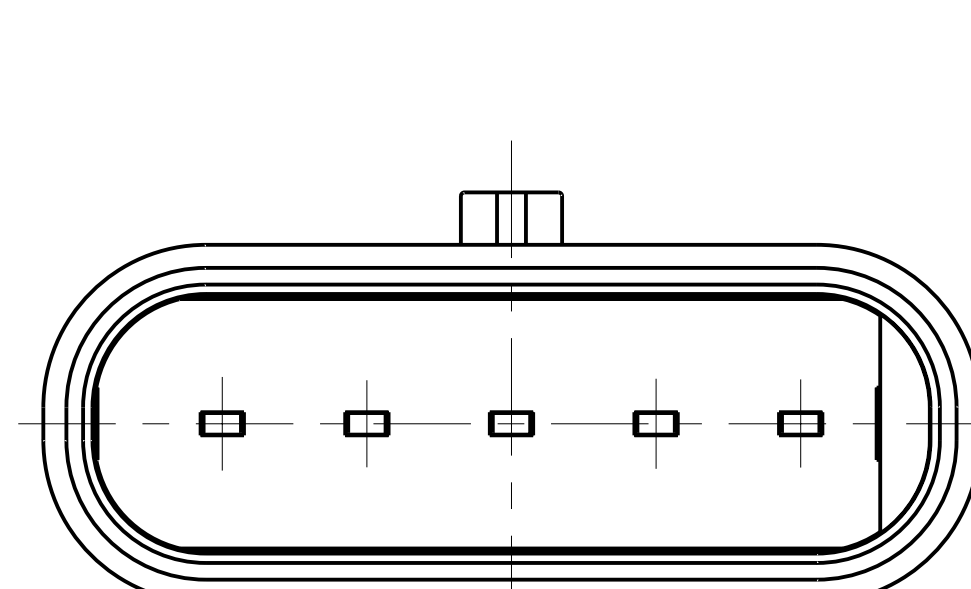
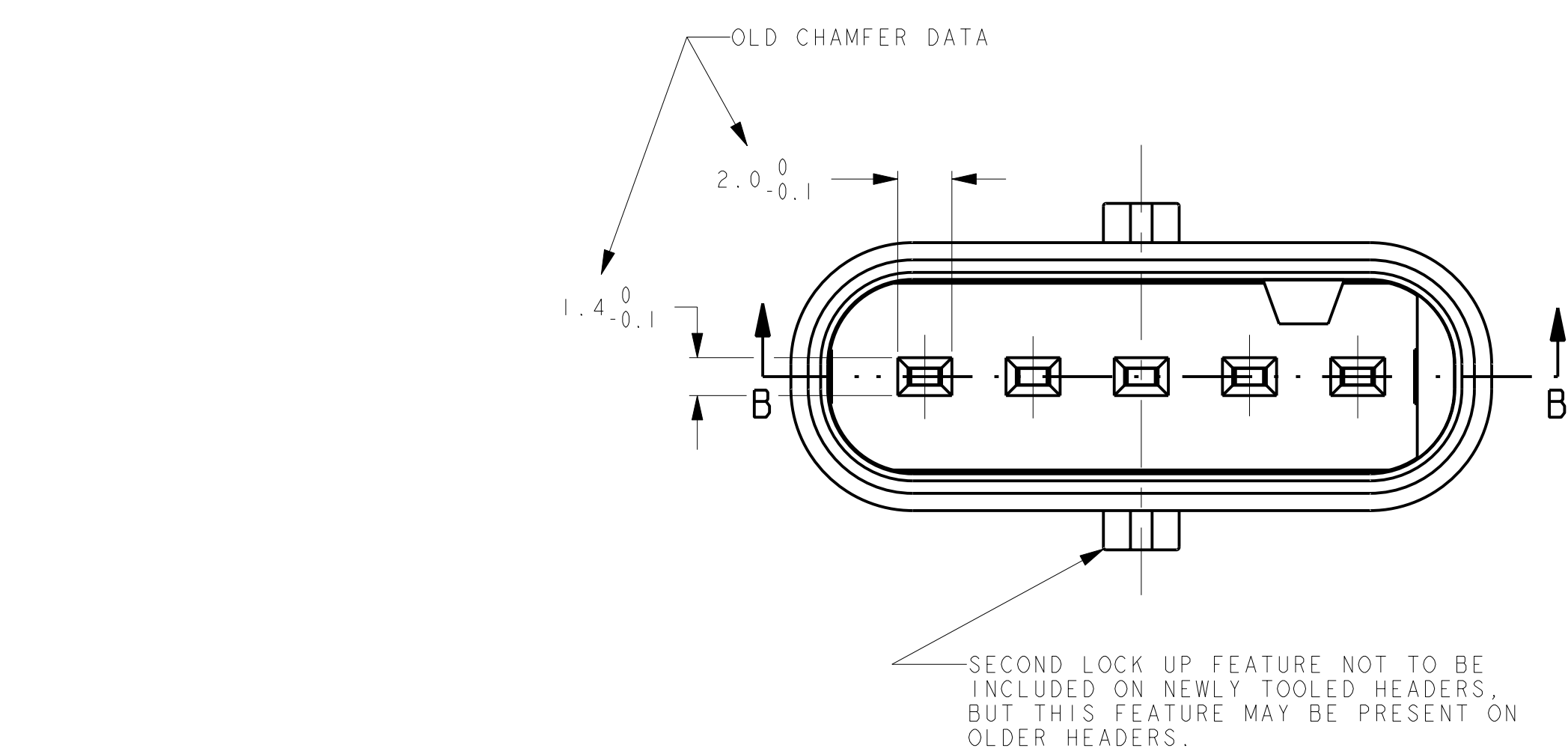
SCALE 2:1



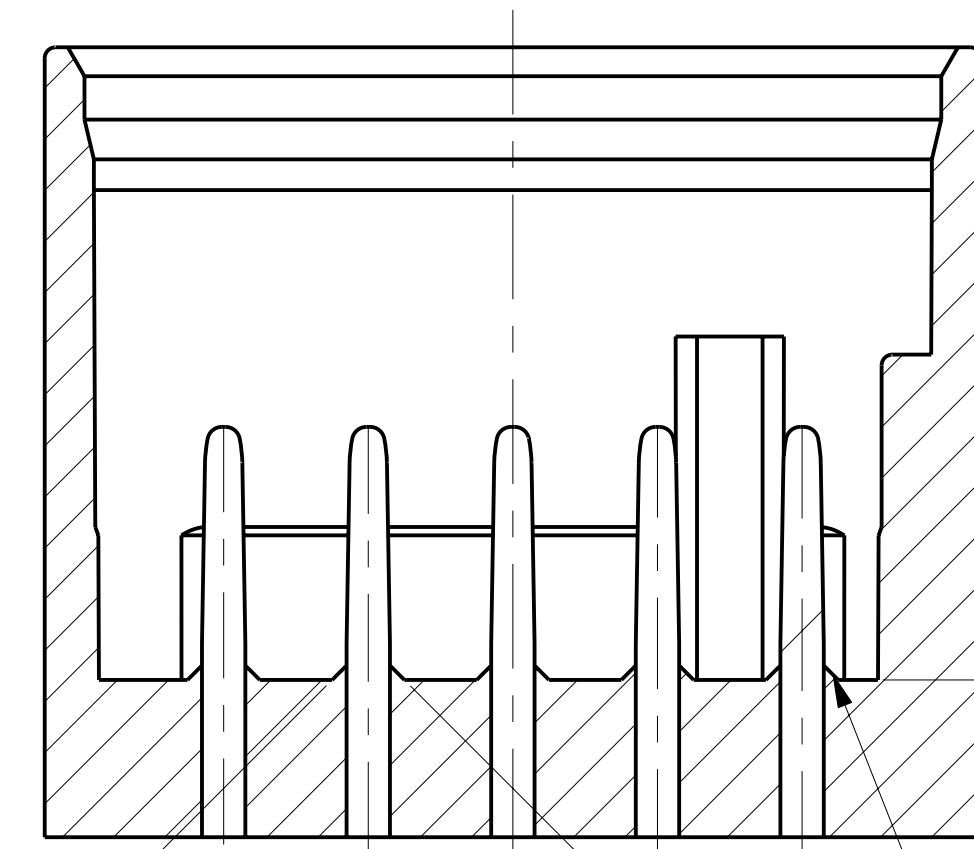
SECTION C-C



SECTION B-B



KEYING OPTION Z
THIS UNIVERSAL KEY OPTION IS NOT APPROVED BY USCAR/EWCAP FOR USE ON ORIGINAL EQUIPMENT DEVICES. HOWEVER, THIS KEY OPTION COULD BE ENCOUNTERED ON OLDER DEVICES.



TERMINAL CHAMFER FEATURE NOT TO BE INCLUDED ON NEWLY TOOLED HEADERS, BUT THIS FEATURE MAY BE PRESENT ON OLDER HEADERS.

SECTION B-B

PROVIDED FOR INFORMATIONAL PURPOSES ONLY

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
3. RADIi ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADIi: 0.25 EXCEPT AS NOTED.
4. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU H) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES" FOR ADDITIONAL INFORMATION.
5. REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE [HTTP://WWW.USCARTEAMS.ORG](http://www.uscarteams.org)
6. FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT SEE EWCAP DRW. NO. EWCAP-001
7. THIS PART HAS BEEN PREVIOUSLY DESIGNED AND TOOLED WITH THE DATUM REFERENCES AS SHOWN. THE DATUM REFERENCE USED ON THIS DRAWING TAKES PRECEDENCE OVER THE EWCAP DRAWING GUIDELINE DATUM REFERENCE REQUIREMENT.

082	B	ADDED KEYING OPTIONS E,F,G & H AND ADDED NOTE FOR CONSTRUCTION BELOW DATUM A	05-18-10	SR	FAH
-	A	RELEASED	01-08-09	SR	FAH
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)					
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ± 2°					
X.X ± 0.25 X.XX ± 0.10					
EWCAP					
SCALE 5:1 DRAWN BY RANGARAJAN CHECKED BY FRANK HOLUB DATE 11-20-2008					
TITLE DIRECT CONNECT INTERFACE 5 WAY (1 X 5) 1.2MM SEALED MALE					
SHEET DRAWING NUMBER 120-S-005-1-Z01 SIZE E DO NOT SCALE DRAWING COMPUTER AIDED DRAWING REVISION LEVEL B					
1 of 1					



PCI0562062

D

C

B

A

E SIZE SHEET