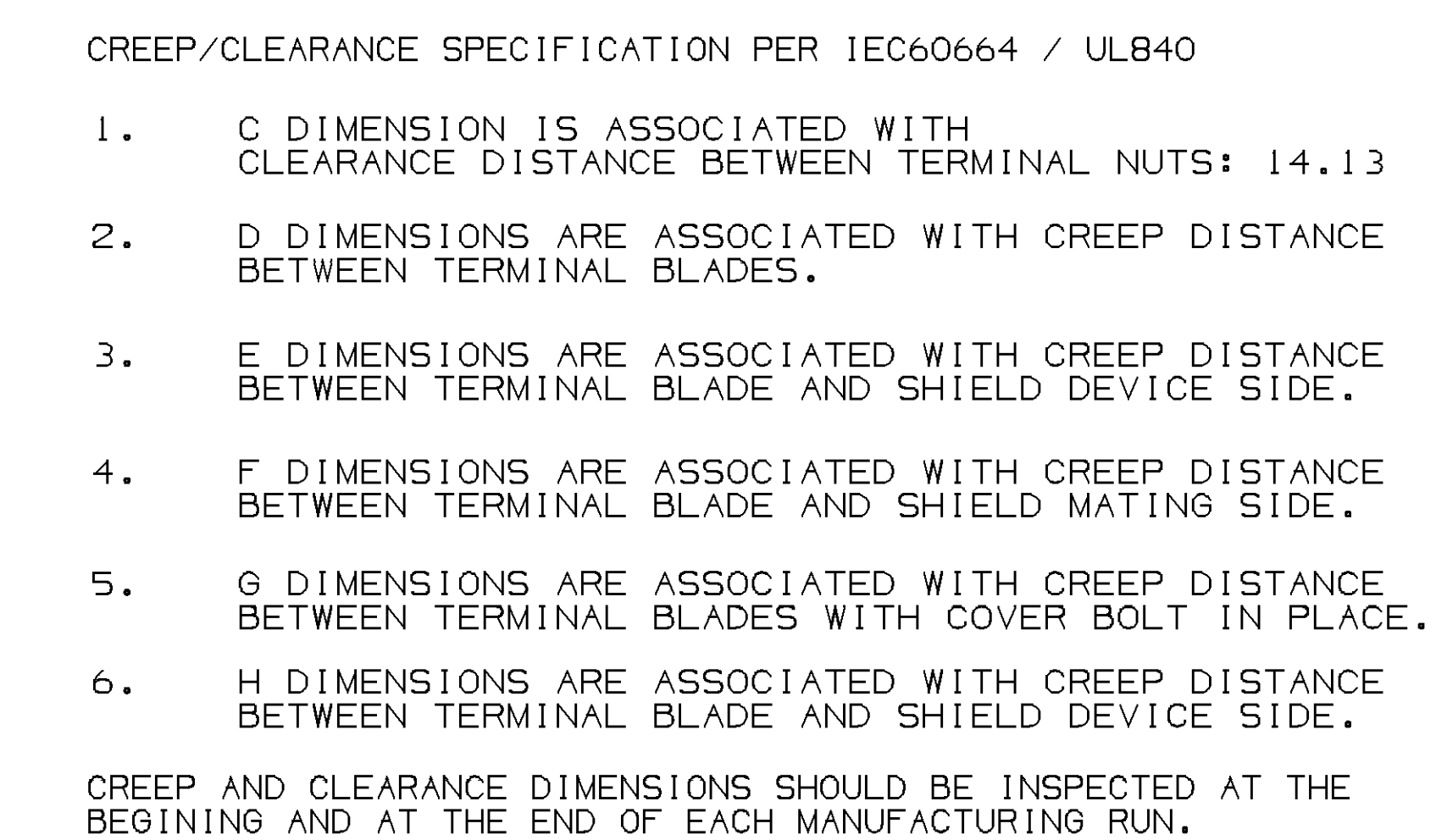
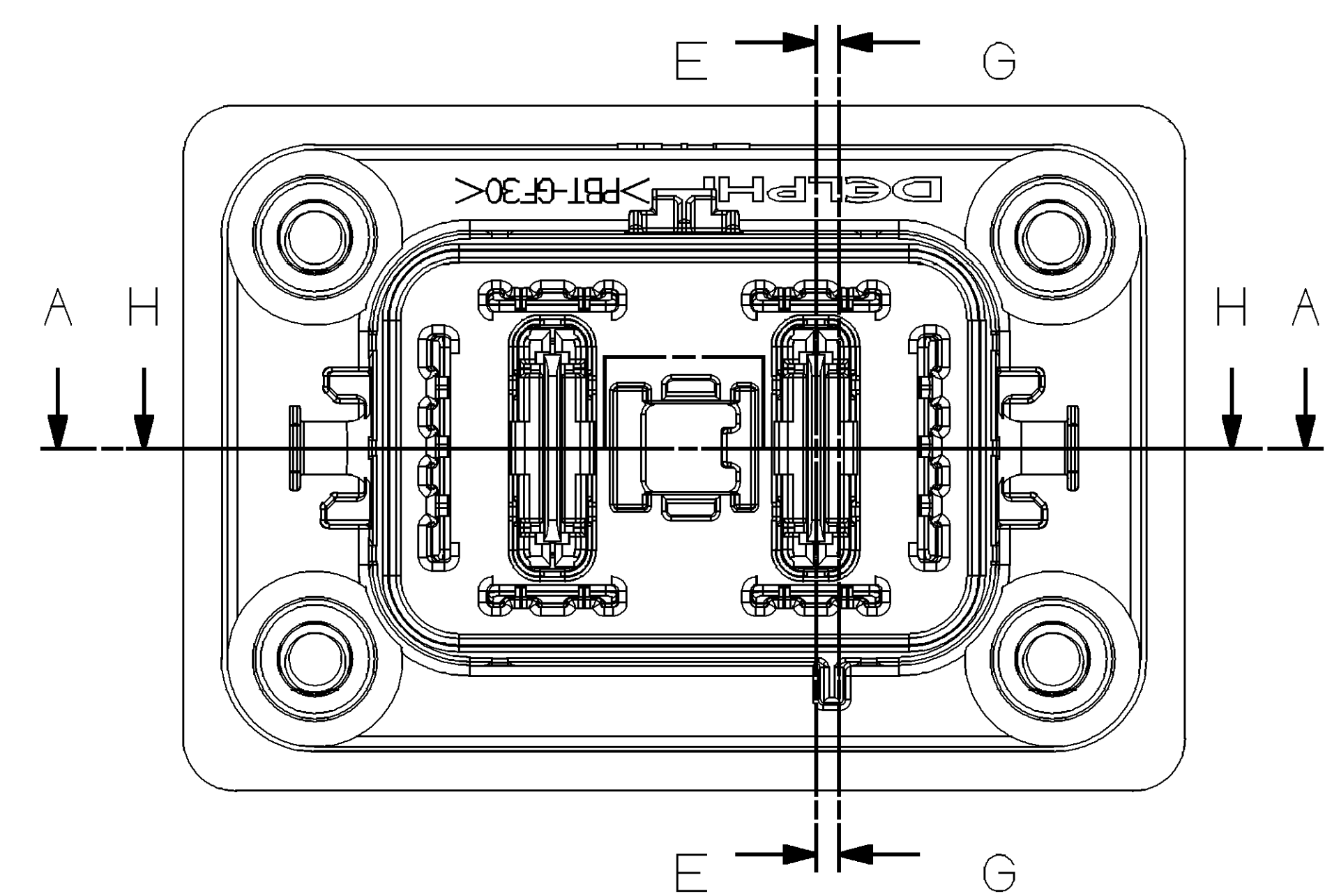
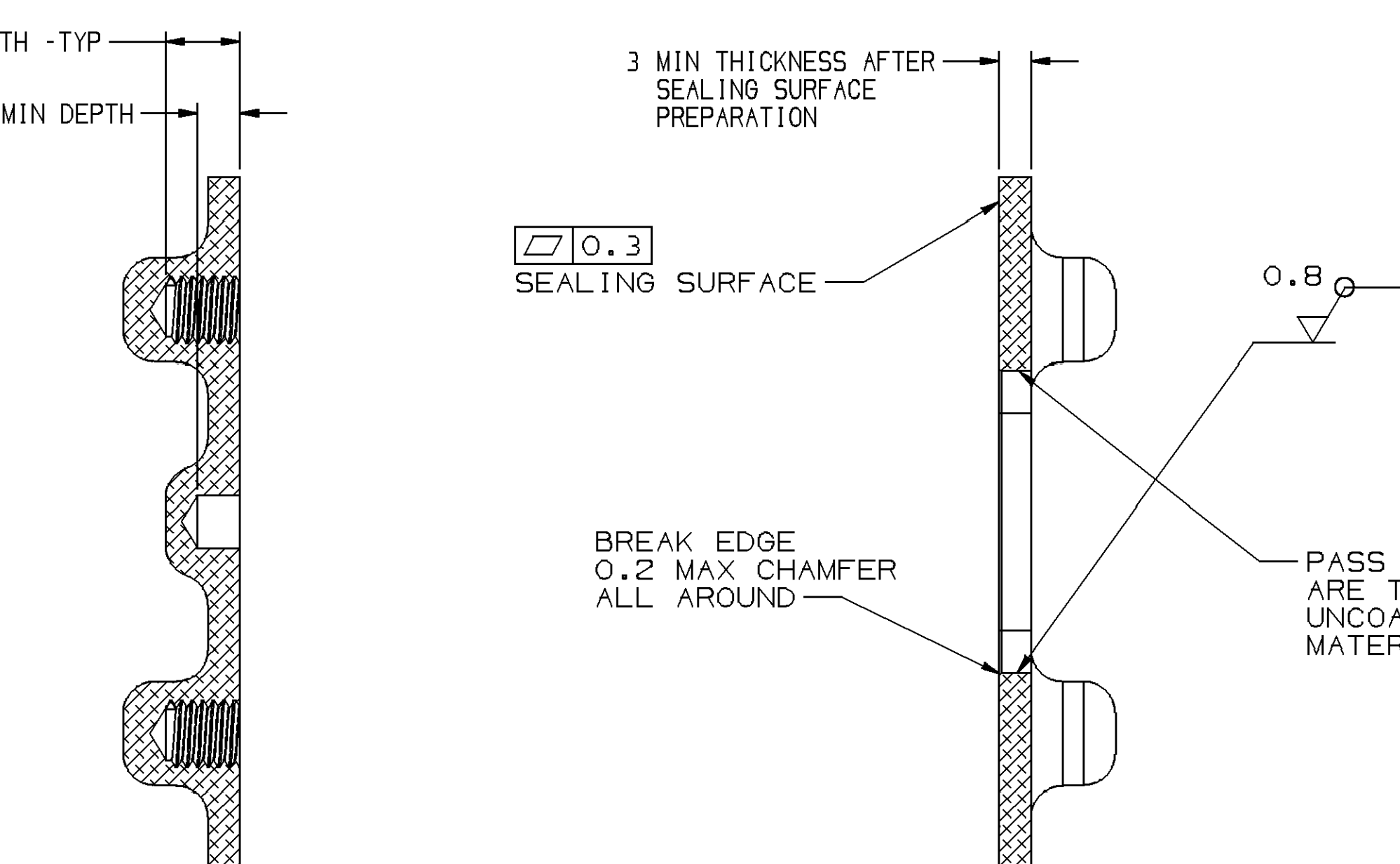
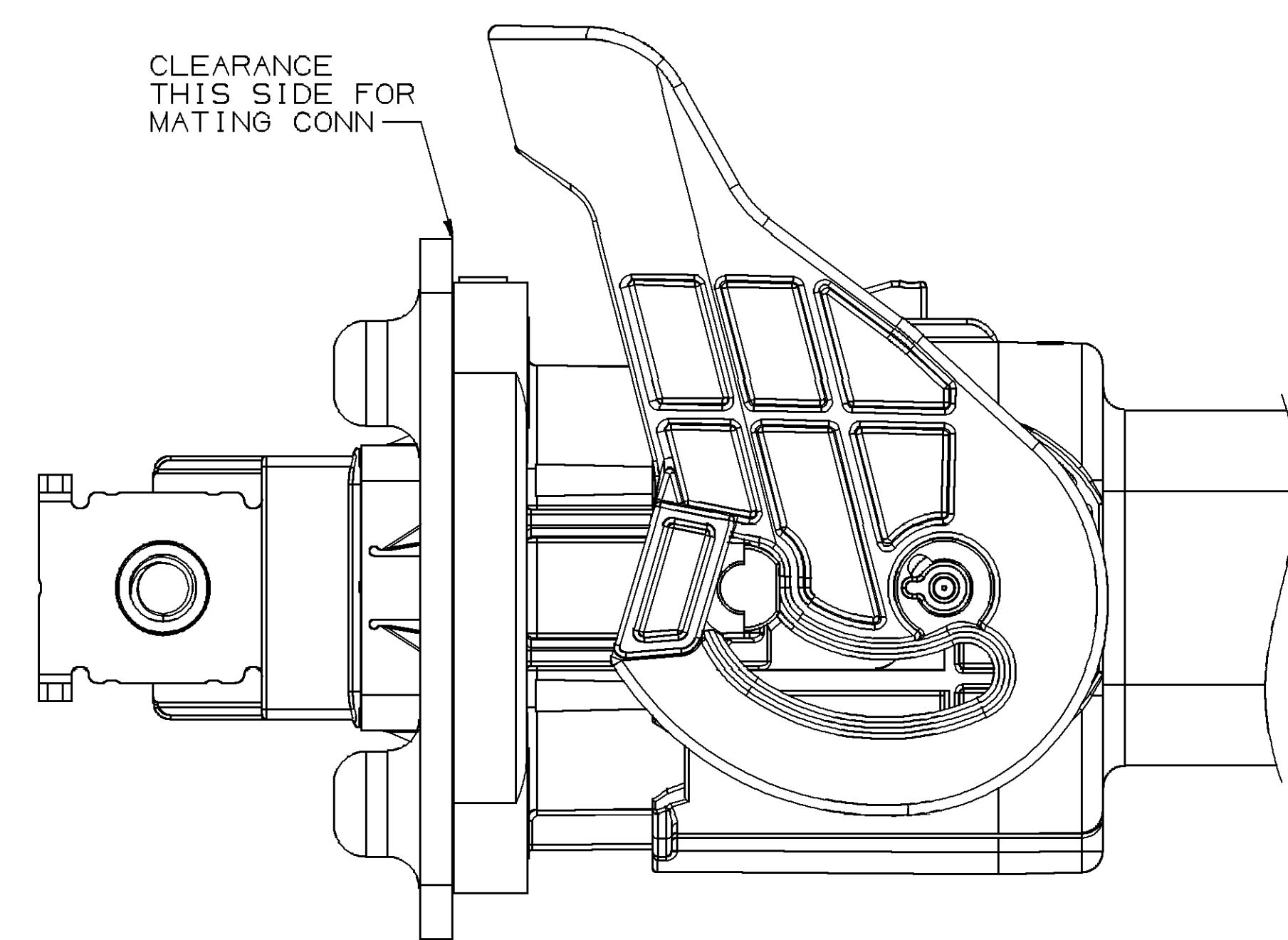
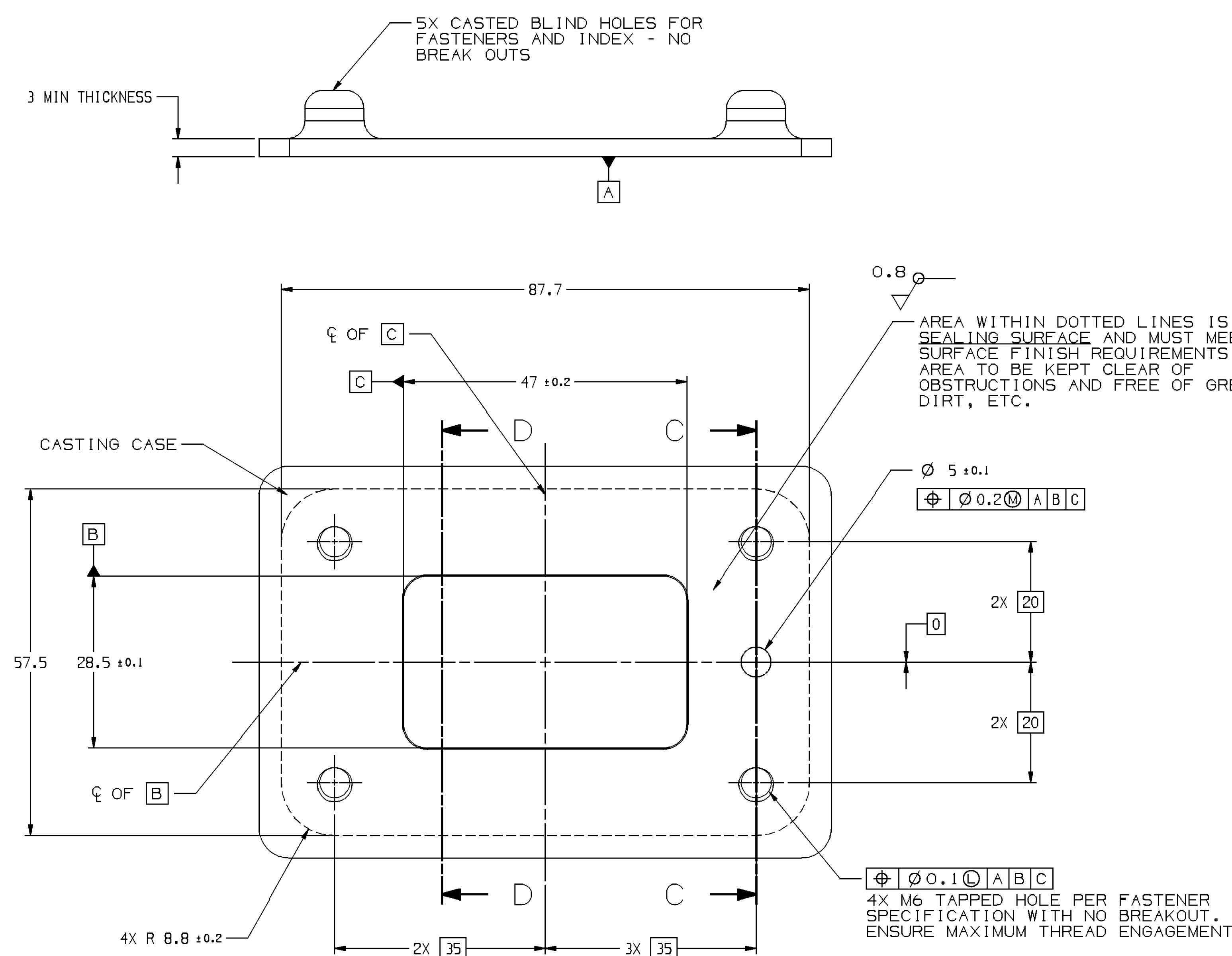




CREEP CALCULATION	TERMINAL A TO SHIELD TERMINAL B TO SHIELD	TERMINAL A TO TERMINAL B
D1+D2+D3+D4+D5	N/A	53.46
E1+E2+E3	8.53	17.06
F1+F2+F3	10.99	21.98
G1+G2+G3	N/A	16.97
H1+H2+H3+H4	8.07	16.14

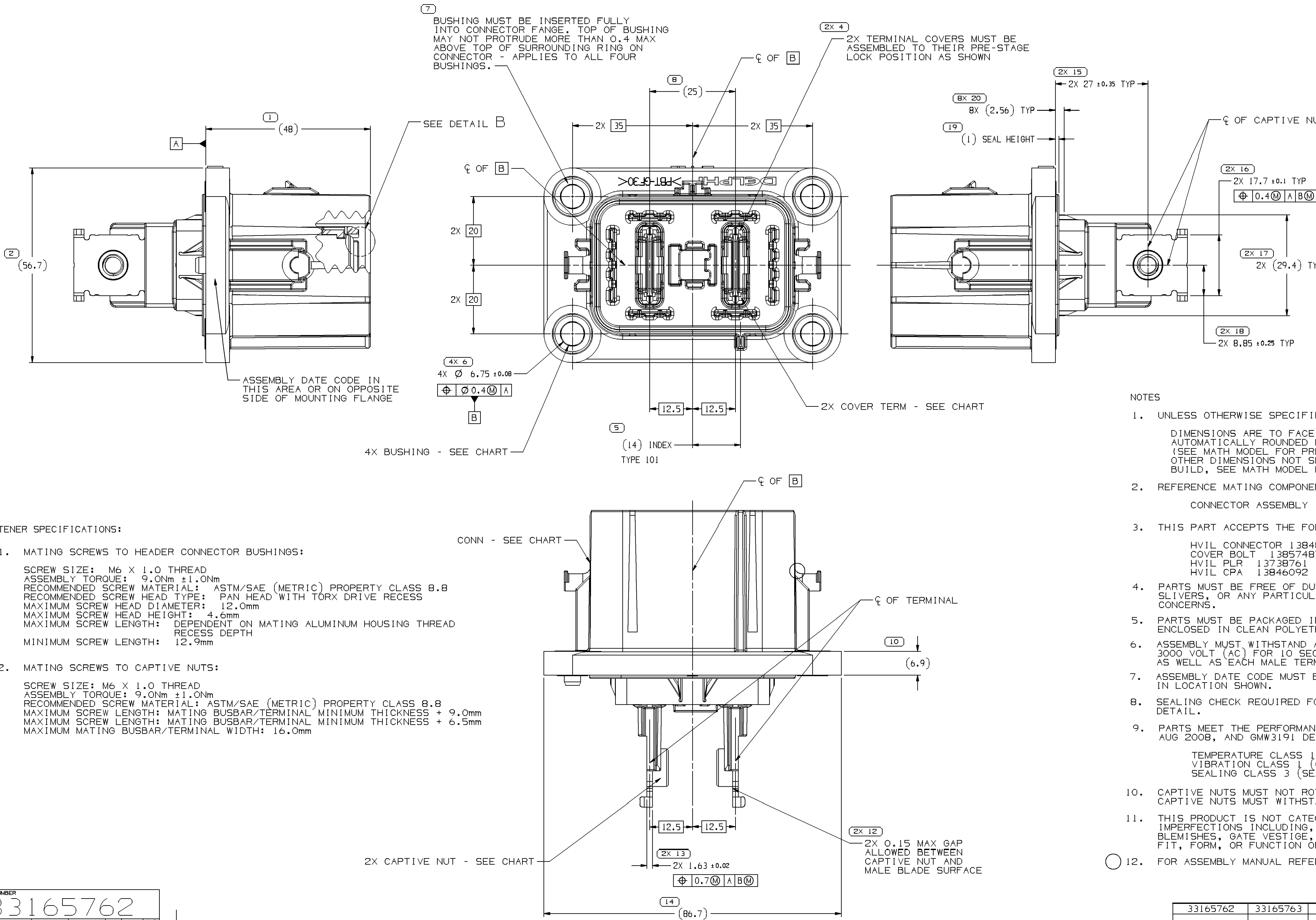
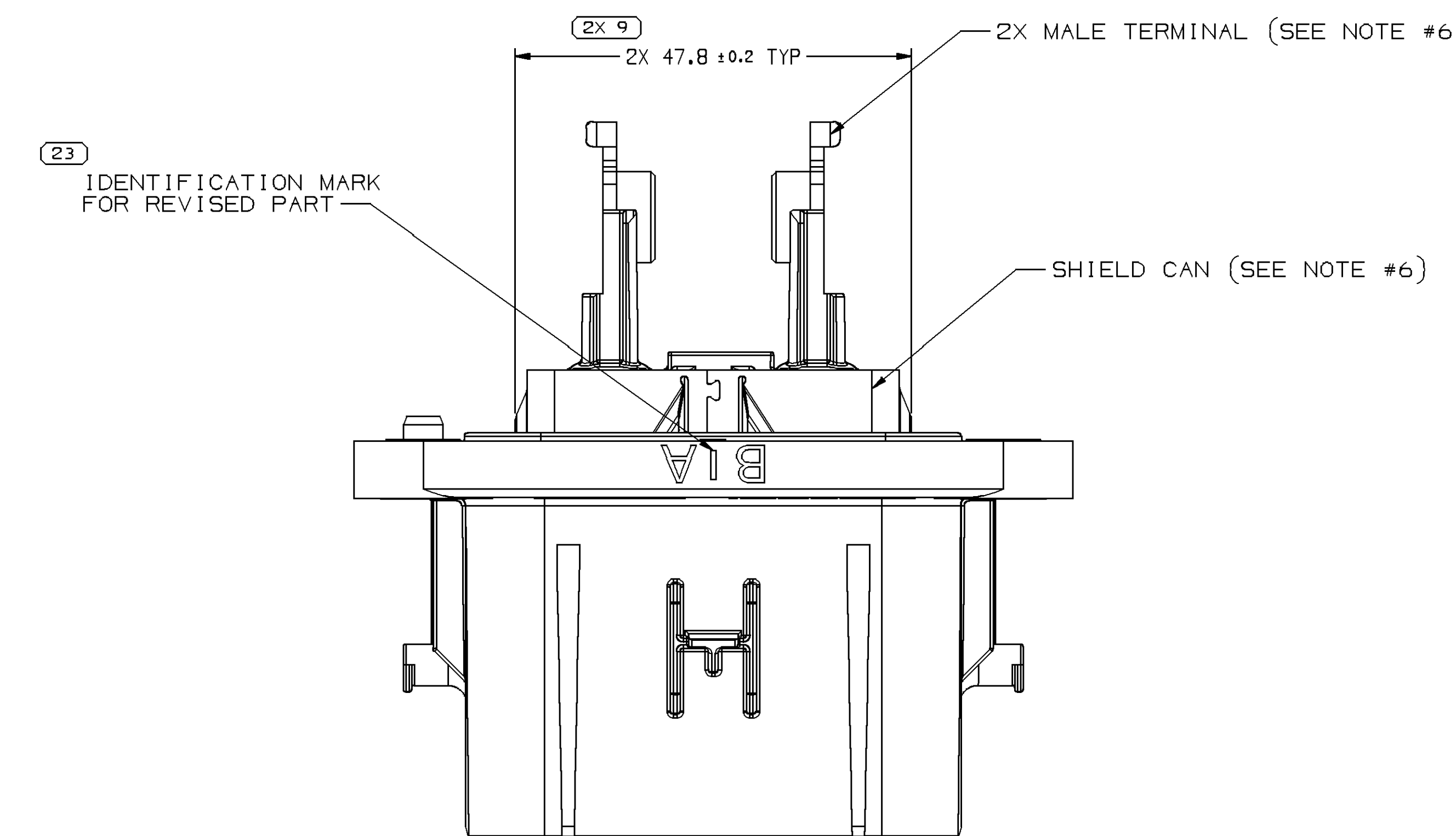
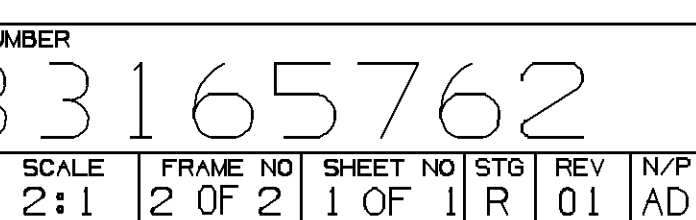
FASTENER SPECIFICATIONS:

1. MATING SCREWS TO HEADER CONNECTOR BUSHINGS:

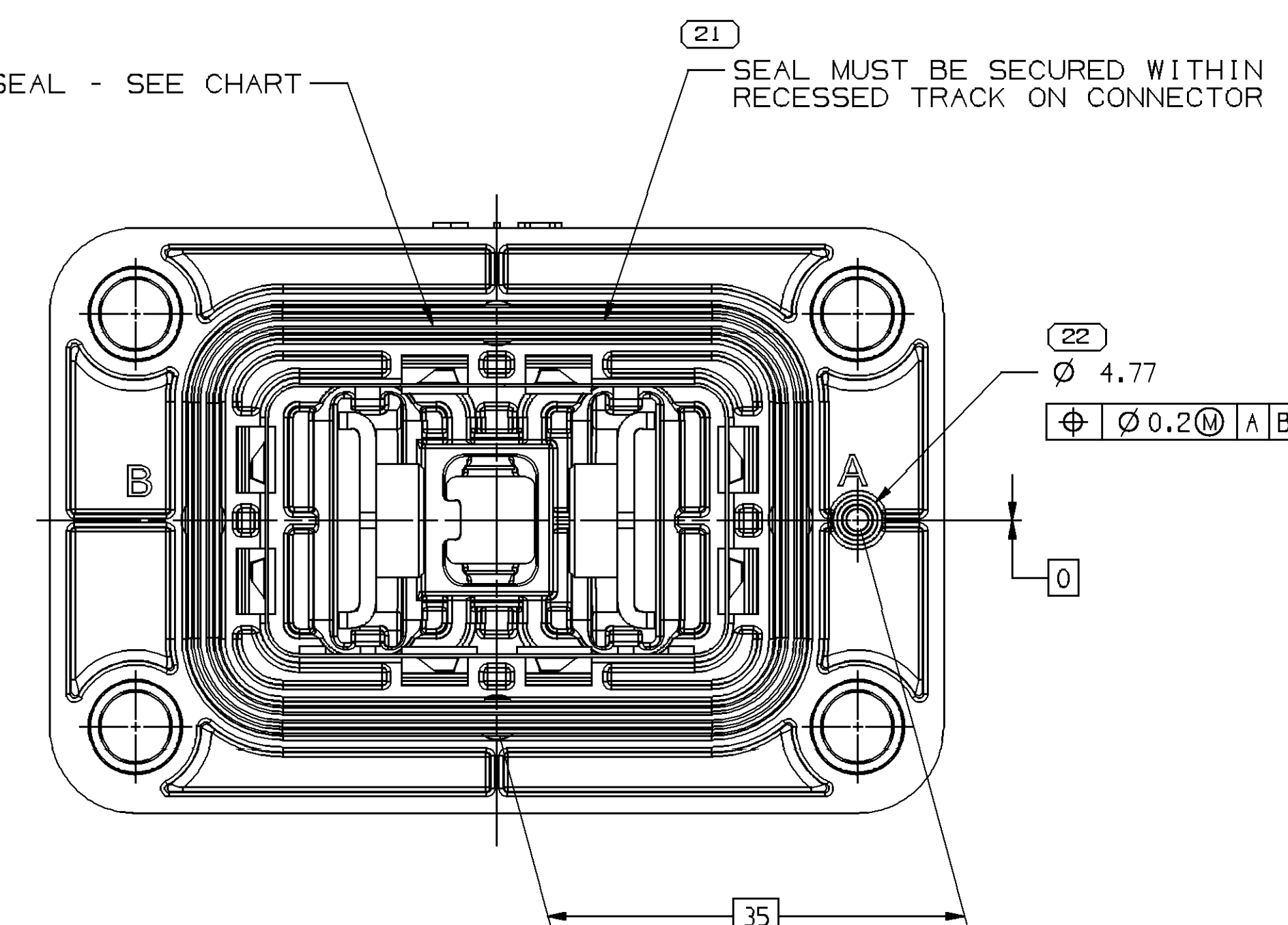
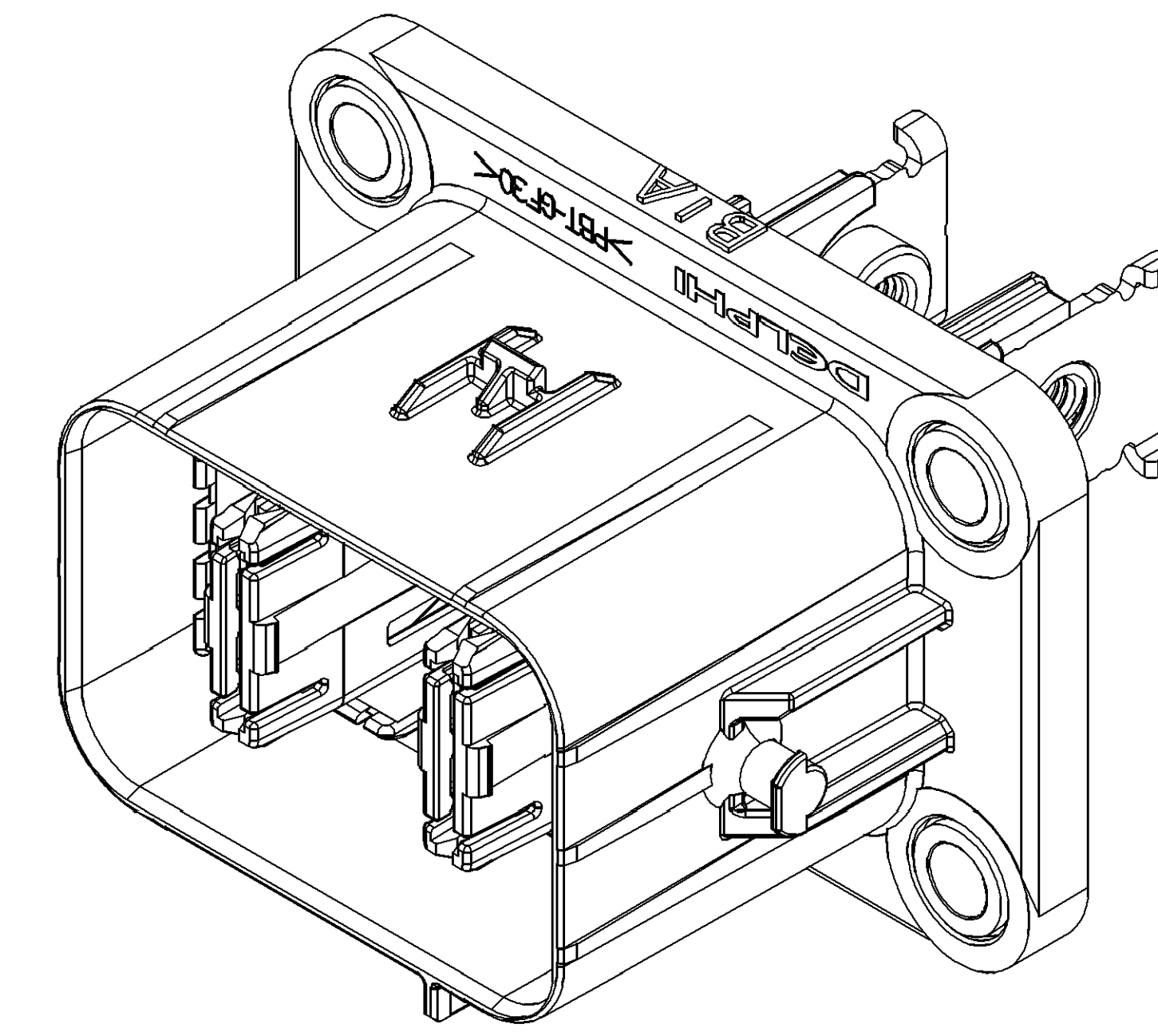
SCREW SIZE: M6 X 1.0 Thread
ASSEMBLY TORQUE: 9.0Nm ± 0.9Nm
RECOMMENDED SCREW MATERIAL: ASTM/A5E (METRIC) PROPERTY CLASS 8.8
RECOMMENDED SCREW HEAD TYPE: PAN/HEAD WITH TORX DRIVE RECESS
MINIMUM SCREW HEAD DIAMETER: 6.3mm
MAXIMUM SCREW HEAD HEIGHT: 4.0mm
MAXIMUM SCREW LENGTH: MATING BUSBAR/TERMINAL ON MATING ALUMINUM HOUSING THREAD
MINIMUM SCREW LENGTH: 12.9mm RECESS DEPTH

2. MATING SCREWS TO CAPTIVE NUTS:

SCREW SIZE: M6 X 1.0 Thread
ASSEMBLY TORQUE: 9.0Nm ± 0.9Nm
RECOMMENDED SCREW MATERIAL: ASTM/A5E (METRIC) PROPERTY CLASS 8.8
MAXIMUM SCREW LENGTH: MATING BUSBAR/TERMINAL MINIMUM THICKNESS + 9.0mm
MAXIMUM SCREW LENGTH: MATING BUSBAR/TERMINAL MINIMUM THICKNESS + 9.0mm
MAXIMUM SCREW LENGTH: MATING BUSBAR/TERMINAL MINIMUM THICKNESS + 9.0mm



- NOTES
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND
AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION
MATH MODEL FOR PRECISION DIMENSIONS. FOR ALL
OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
BUILD, USE MATH MODEL FOR PRECISE TOOL PATH DATA.
 2. REFERENCE MATING COMPONENTS OR EQUIVALENT:
CONNECTOR ASSEMBLY 13953995
 3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
HVIL CONNECTOR 1384934
COVER BOLT 1385748
HVIL PLR 13738761
HVIL CPA 13846092
 4. PARTS MUST BE FREE OF DUST, CARBONAD FIBER, LOOSE METAL
SLIVERS, OR ANY PARTICULATE THAT MAY CAUSE FIT OR FUNCTION
CONCERNS.
 5. PARTS MUST BE PACKAGED IN COMPARTMENTAL CONTAINERS OR TRAYS,
ENCLOSED IN CLEAN POLYETHYLENE BAGS.
 6. ASSEMBLY MUST WITHSTAND AN ELECTRICAL HI-POUT TEST OF
3000 VOLTS AC FOR 10 SECONDS BETWEEN EACH MALE TERMINAL
AS WELL AS EACH MALE TERMINAL AND THE SHIELD CAN
 7. ASSEMBLY DATE CODE MUST BE PRINTED ON MOUNTING FLANGE
IF LOCATION SHOWN.
 8. SEALING CLASP REQUIRED FOR FEA SEAL TO MATING PART
DETAIL.
 9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF SAE/USCAR-2 PS, SAE/USCAR-
AUG 2004, AND SAE/USCAR-2 DEC 2007 FOR THE FOLLOWING CLASSIFICATIONS:
TEMPERATURE CLASS 1 (40°C TO 85°C)
VIBRATION CLASS 3 (ON BODY OR CHASSIS)
SEALING CLASS 3 (SEALED PLUS HIGH PRESSURE SPRAY)
 10. CAPTIVE NUTS MUST NOT ROTATE WHEN A TORQUE OF 15NM IS APPLIED.
CAPTIVE NUTS MUST WITHSTAND AN 18MM PUSH-OUT FORCE OF 500N MIN.
 11. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR
IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR
BLEMISHES, GATE VESTIGES, AND SOFT FLAKES THAT DO NOT AFFECT THE
FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER ENF-4-3.CS.01
 12. FOR ASSEMBLY MANUAL REFER TO P/N 33145090.



RESTRICTED USAGE

[illegible]