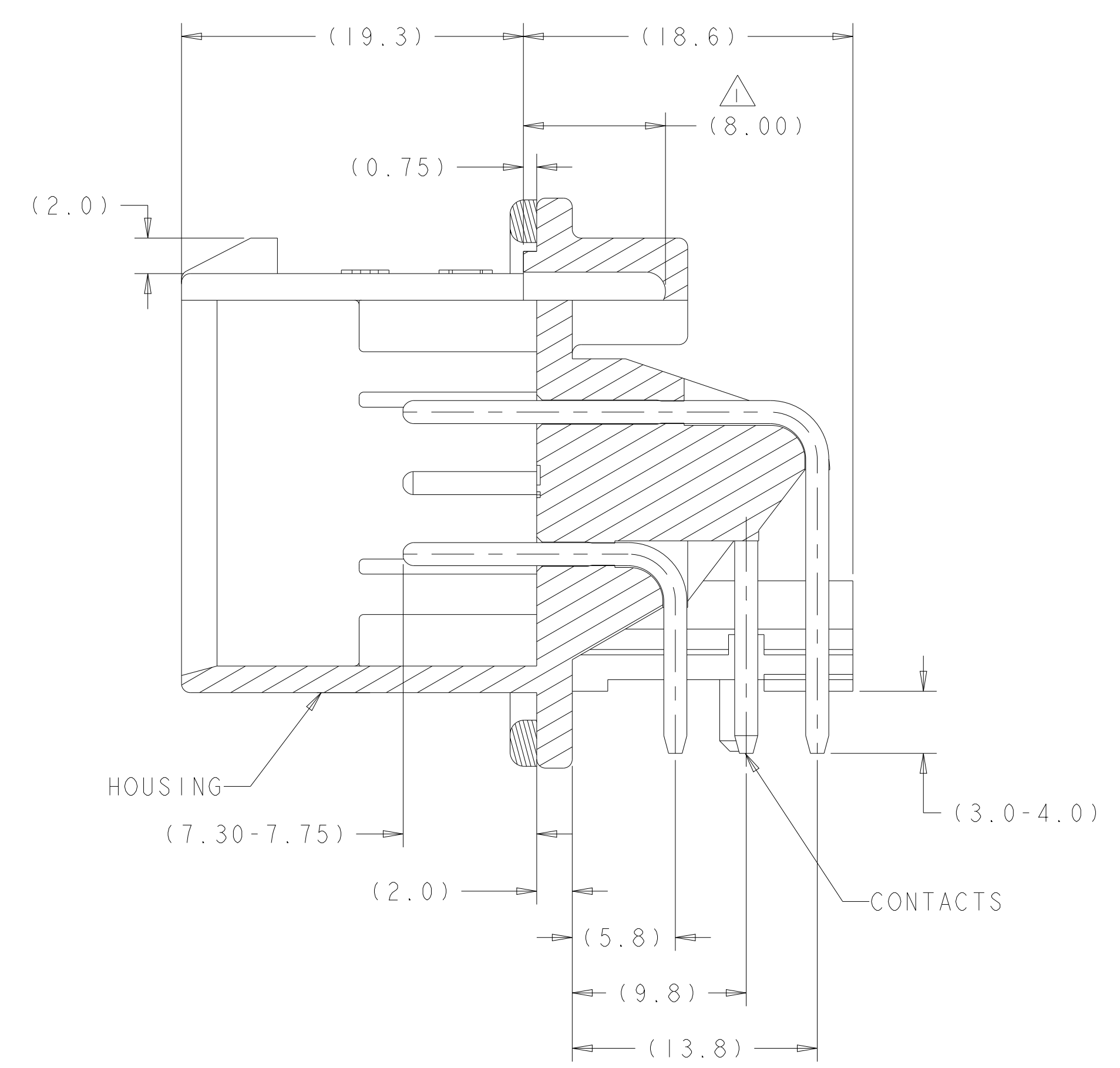
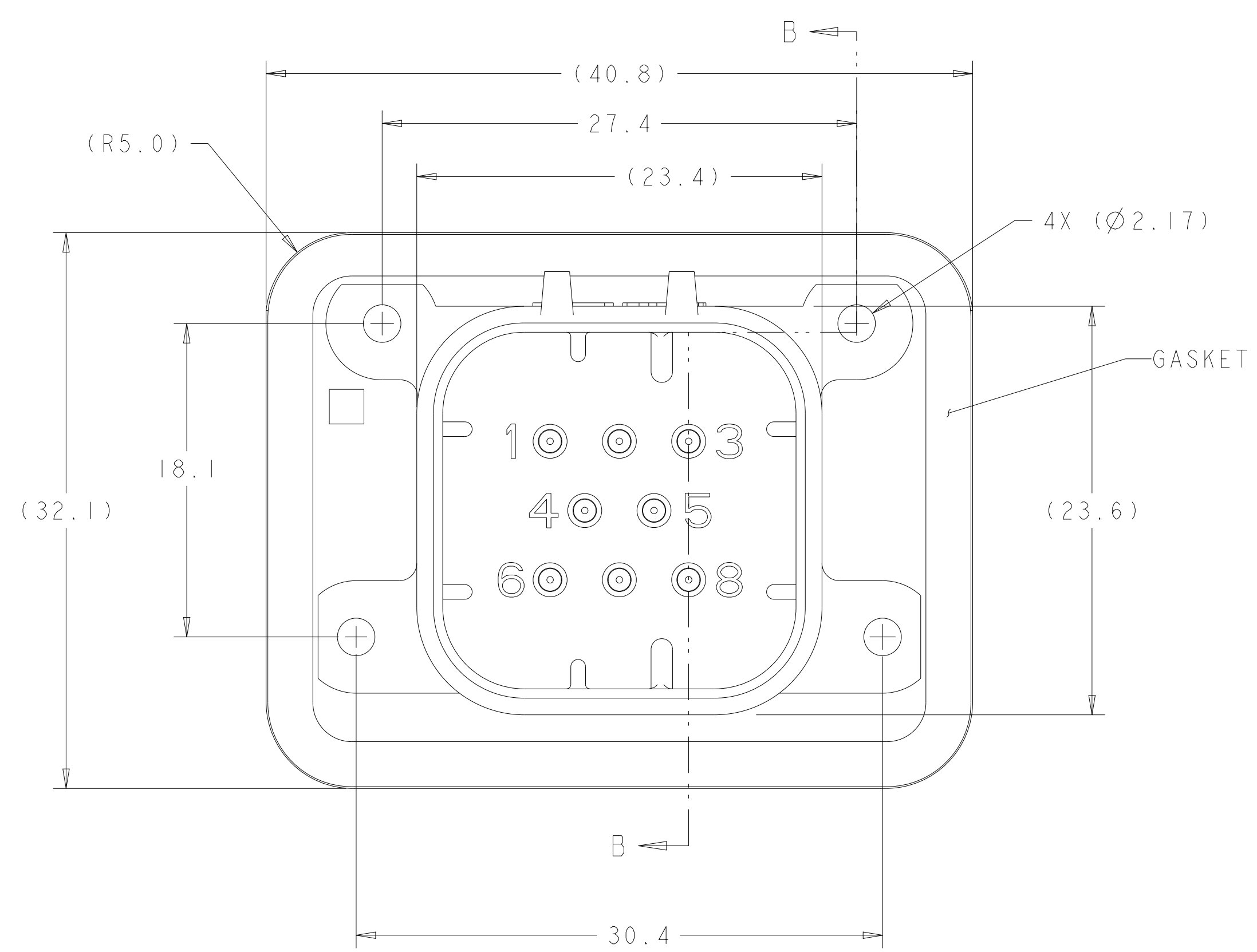


REVISIONS				
P	LTN	DESCRIPTION	DATE	APVD
F13	ECR-23-183142		14SEP2023	DCS DCS
F14	ECR-24-216938		16SEP2024	DK CB



SECTION B-B

1 SUGGESTED MOUNTING SCREW SIZE IS Ø2.50mm [APPROX. 0.099 INCH] SELF TAPPING THREAD FORMING SCREW, SUCH AS DELTA PT, TO BE DRIVEN AT 0.6-0.8 N-m. THE CUSTOMER MUST TEST THE SCREW SIZE AND TYPE IN ORDER TO VERIFY THEIR SELECTION BEFORE USE IN APPLICATION

TO VALIDATE HEADER MOUNTING PERFORMANCE, TE CONNECTIVITY WILL CONTINUE TO UTILIZE THE FOLLOWING TORQUE VALIDATION PROCESS ACCORDING TO APPLICATION SPEC 114-16016:
 MOUNTING PANEL THICKNESS - 4.75 +/- 0.15mm
 SCREW - 2.5X12mm DELTA PT

CUSTOMERS MAY VALIDATE OTHER SCREW SIZES AND TYPES AT THEIR OWN DISCRETION

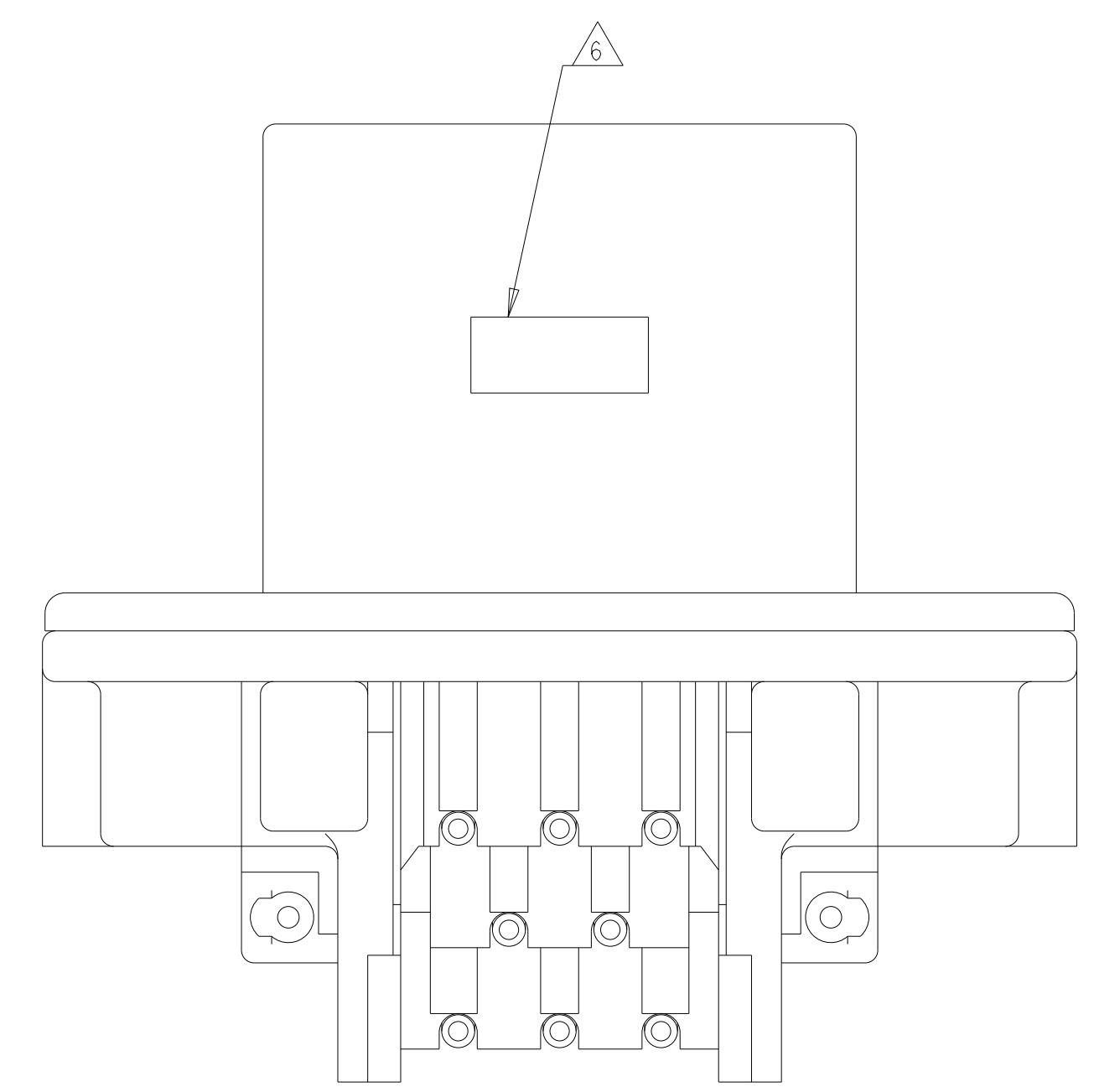
2 HOUSING COLORS ARE MECHANICALLY KEYS TO MATE ONLY WITH IDENTICALLY COLORED PLUG ASSEMBLIES.

3 NOTE DELETED

4. HEADER MATES TO PLUG ASSEMBLY 776286 WHICH USES REELED TERMINALS 770520 AND LOOSE PIECE TERMINALS 770854.

5 MATERIALS: GASKET - SILICONE
 HEADER HOUSING - GLASS FILLED PBT
 PINS - TIN OR GOLD PLATED BRASS

6 DATE CODE TO BE BRANDED IN THIS LOCATION PER TE SPEC 102-60. USE 5 DIGIT CODE: FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK, LAST DIGIT = DAY

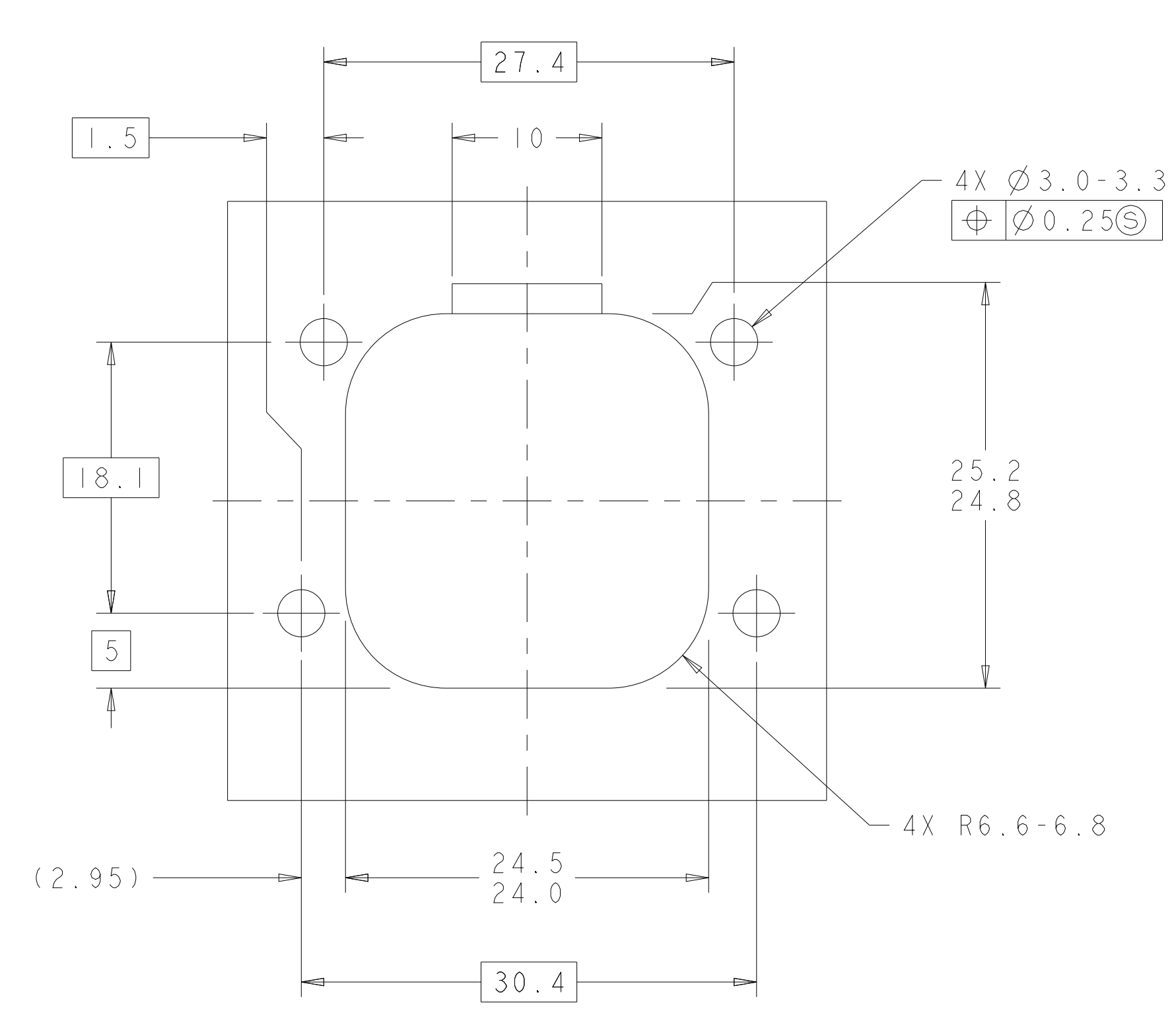


NATURAL	GOLD PLATED	1-776280-2
BLACK	GOLD PLATED	1-776280-1
OBSOLETE		776280-6
NATURAL	TIN PLATED	776280-2
BLACK	TIN PLATED	776280-1
HEADER HOUSING COLOR	PIN	PART NUMBER

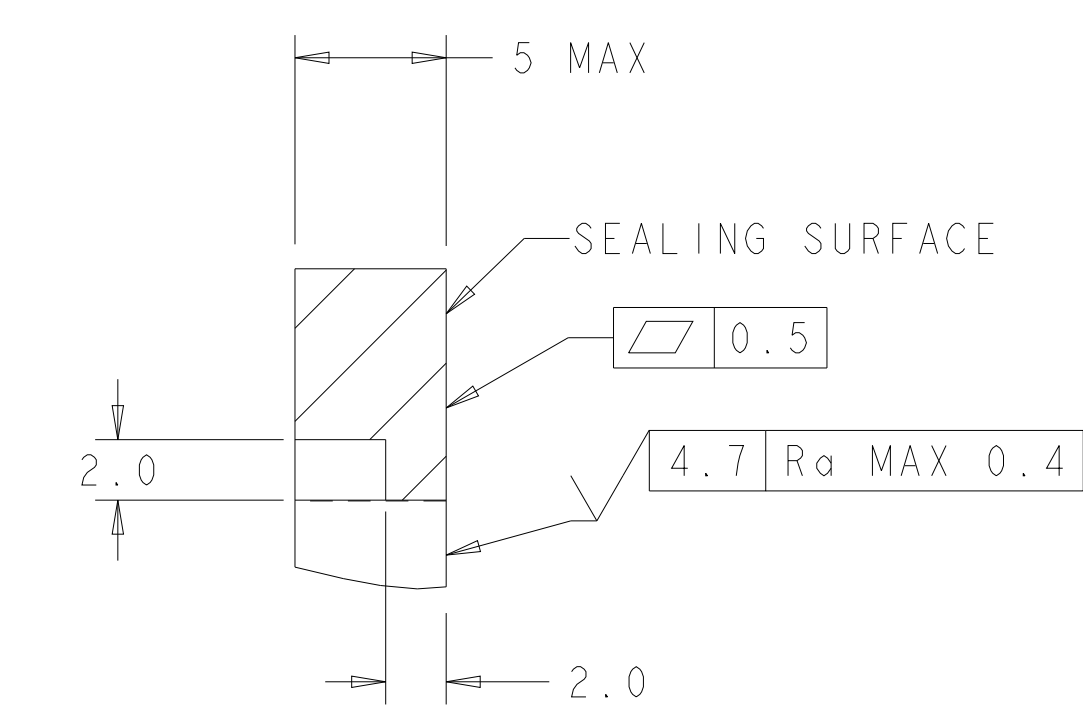
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN J. MARKEY 29FEB08	NAME
mm	0 PLC ±0.2	CHK J. MARKEY 29FEB08	TE Connectivity
	1 PLC ±0.2	APVD J. MARKEY 29FEB08	HEADER ASSEMBLY, 8 POSITION, RIGHT ANGLE, AMPSEAL
	2 PLC ±0.2		PRODUCT SPEC
	3 PLC ±0.2		108-1329
	4 PLC ±0.2		APPLICATION SPEC
	ANGLES ±0.2		114-16016
	FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO
MATERIAL		WEIGHT 15.82g	A100779C=776280
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 2 REV F14

REVISIONS				
P	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

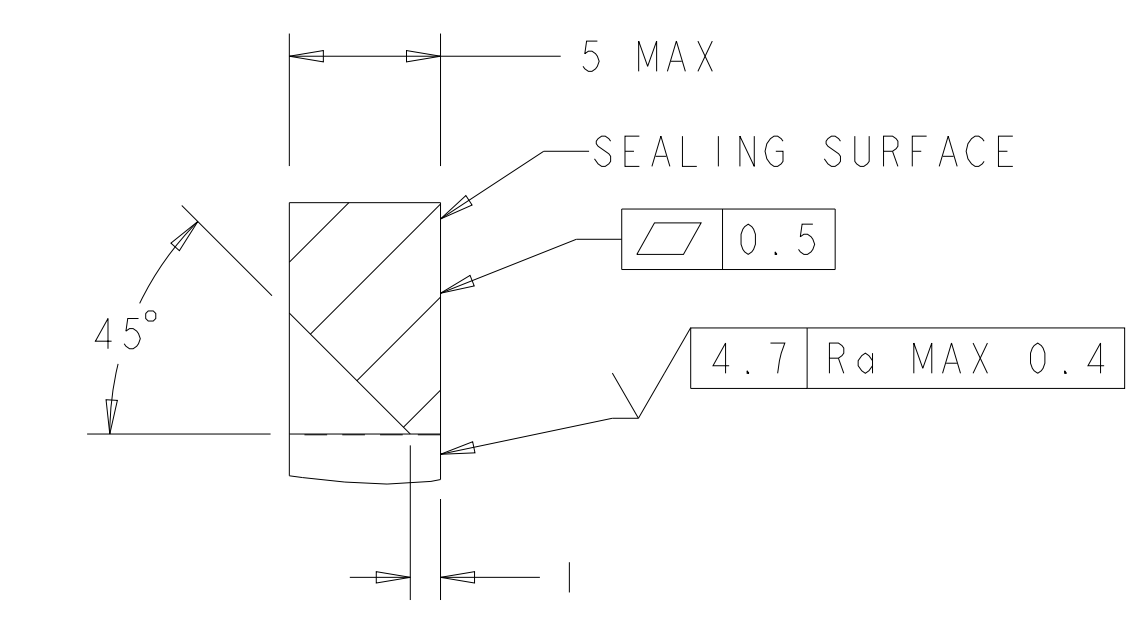


RECOMMENDED MOUNTING HOLE LAYOUT FOR 5.0 MAX THICK PANEL



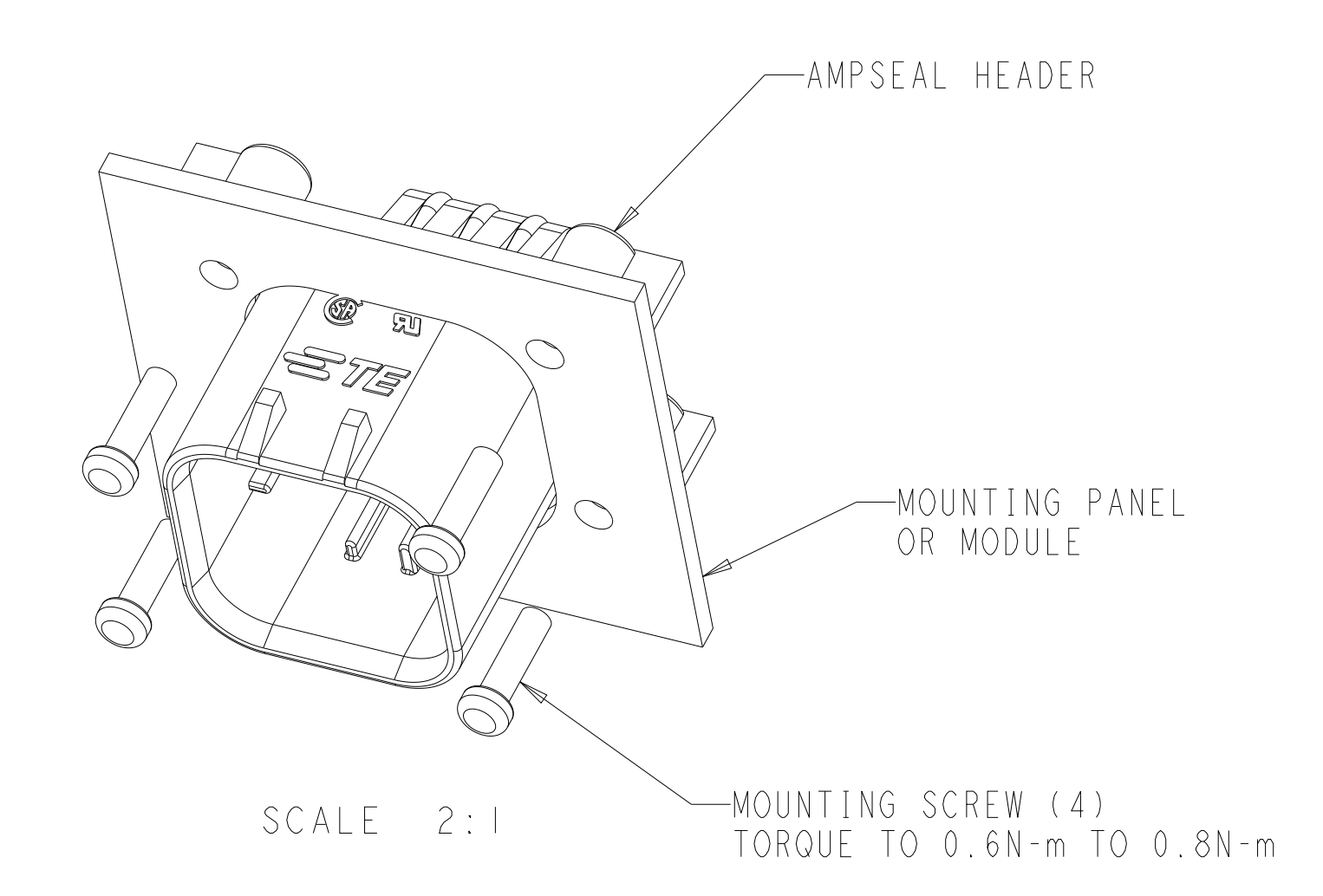
SECTION A-A
OPTIONAL CONSTRUCTION IF PANEL THICKNESS IS GREATER THAN 2.0

SCALE 4:1



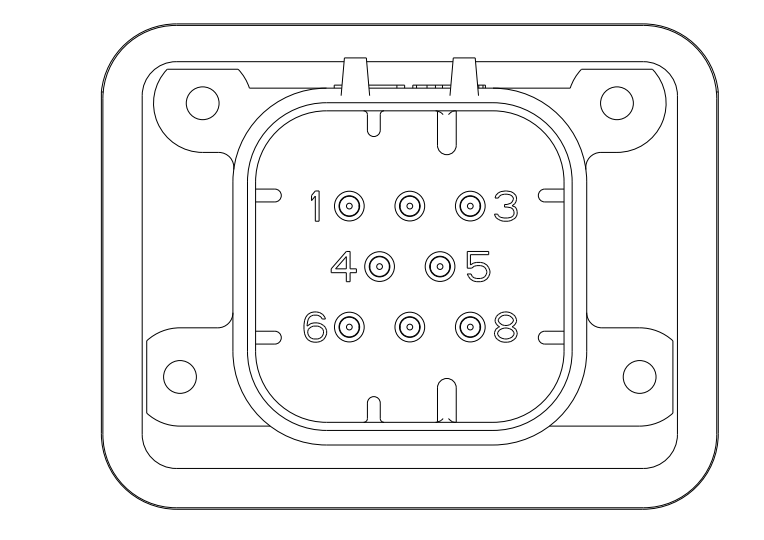
SECTION A-A
OPTIONAL CONSTRUCTION IF PANEL THICKNESS IS GREATER THAN 2.0

SCALE 4:1

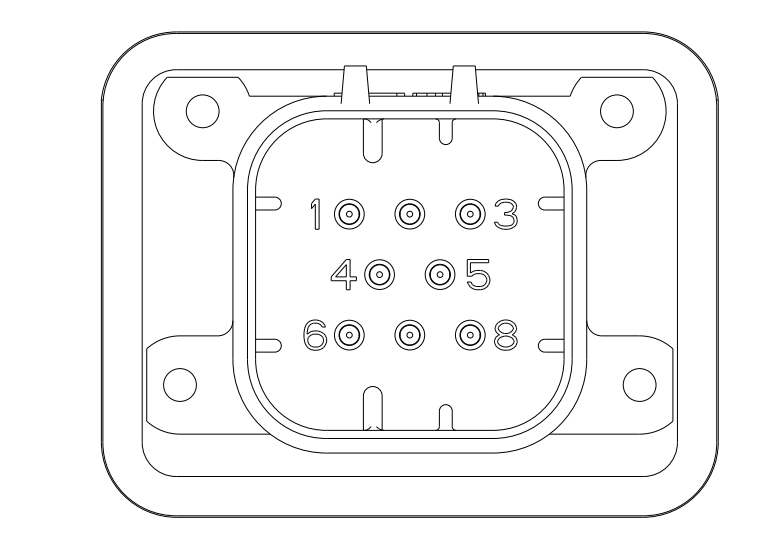


SCALE 2:1

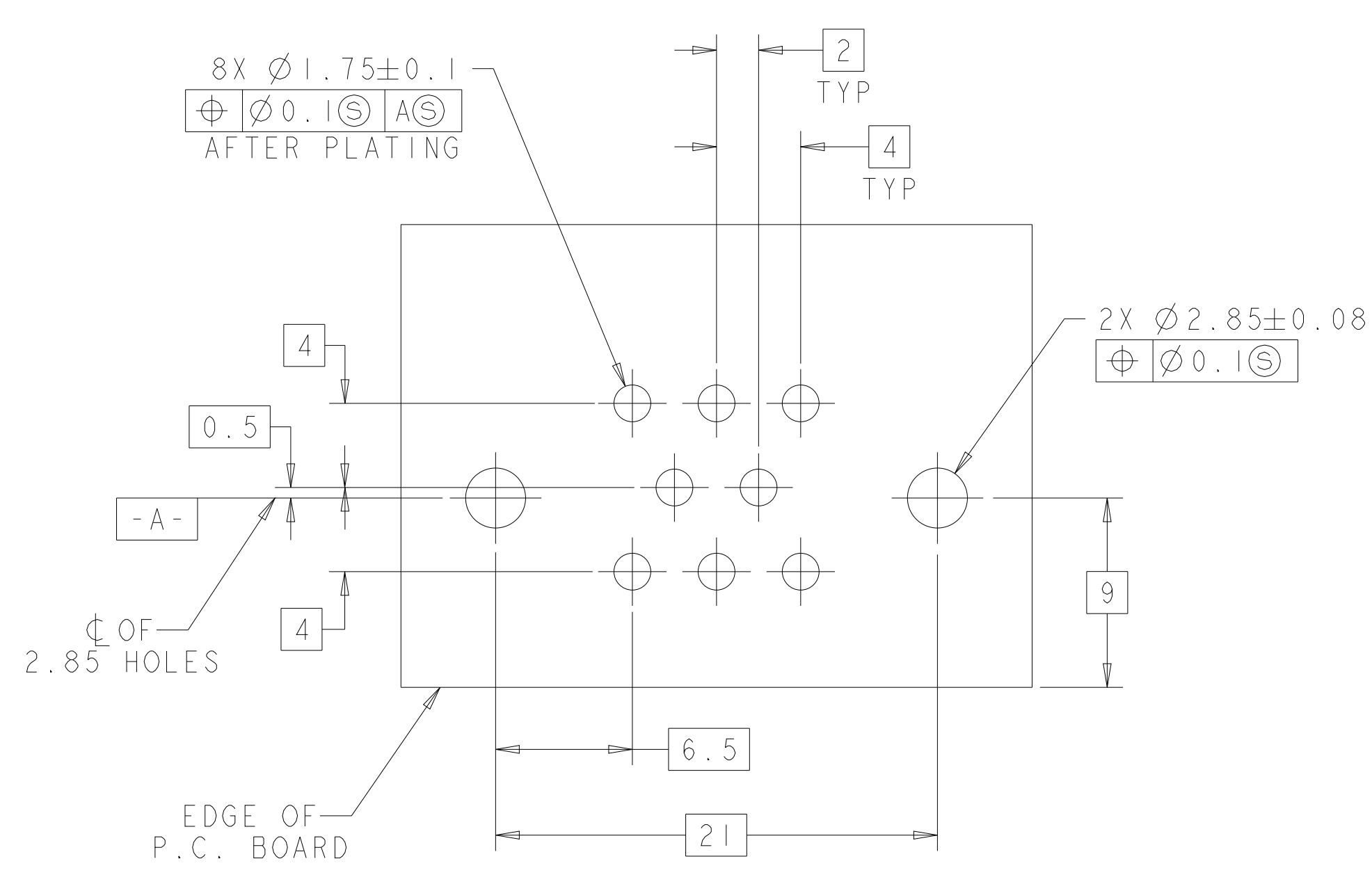
MOUNTING SCREW (4)
TORQUE TO 0.6N-m TO 0.8N-m



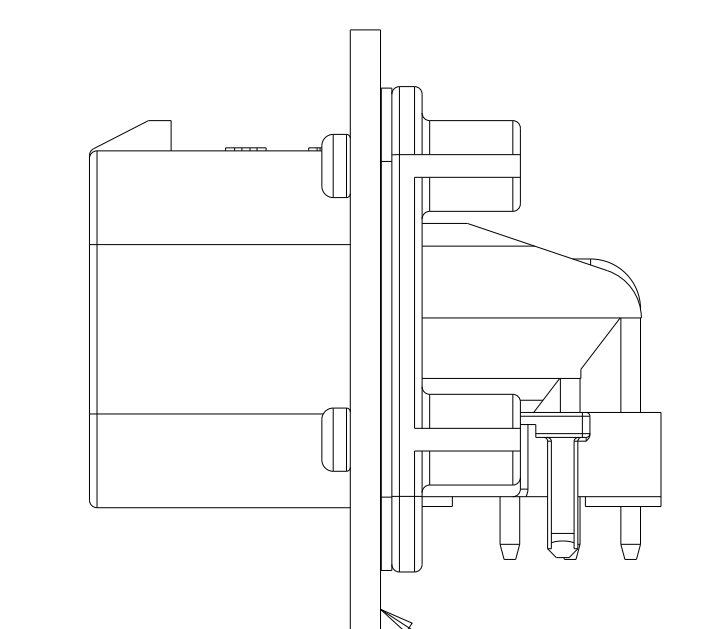
776280-1 & 1-776280-1
KEY LOCATION
SCALE 2:1



776280-2 & 1-776280-2
KEY LOCATION
SCALE 2:1



RECOMMENDED P.C. BOARD LAYOUT FOR 1.57 THICK P.C. BOARD



SCALE 2:1

ENSURE THE HEADER IS FLUSH TO THE PANEL FACE ALL AROUND BEFORE TIGHTENING TO FINAL TORQUE

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: J. MARKEY 29FEB08	TE Connectivity
DIMENSIONS: mm		CHK: J. MARKEY 29FEB08	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: J. MARKEY 29FEB08	NAME: HEADER ASSEMBLY, 8 POSITION, RIGHT ANGLE, AMPSEAL
0 PLC	±0.2	PRODUCT SPEC	108-1329
2 PLC	±0.1	APPLICATION SPEC	114-16016
4 PLC	±0.05	WEIGHT	15.82g
ANGLES	±0.5	CUSTOMER DRAWING	SCALE 4:1 SHEET 2 OF 2 REV F14