

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A15		REVISED PER ECO-20-004256	25MAR2020	JM	DS
A16		REVISED PER PCN E-20-016603	24NOV2020	PN	DS
B		REVISED PER ECR-23-167643	10MAR2023	DK	CB
B1		REVISED PER ECR-246938	13SEP2024	DK	CB

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

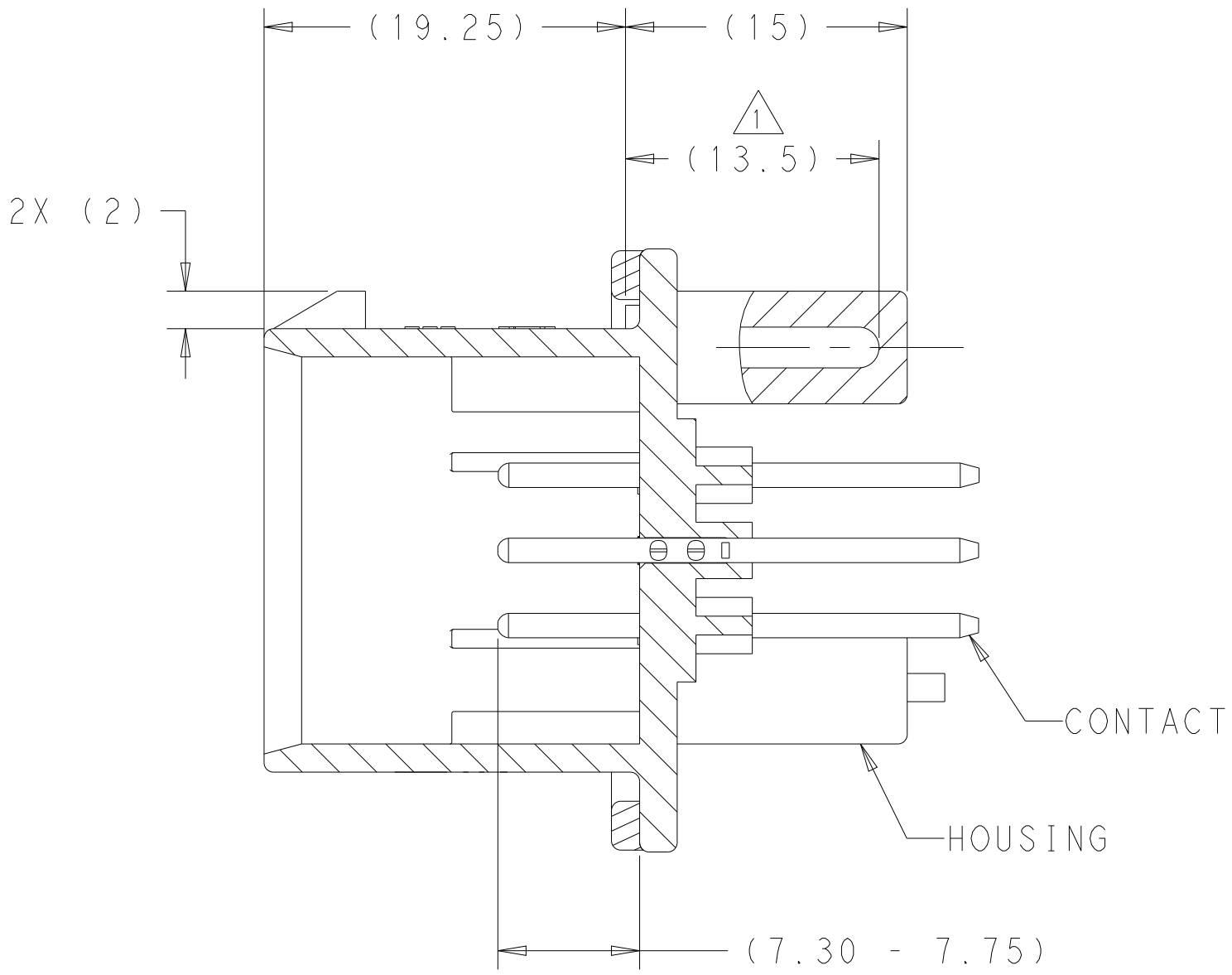
CUSTOMERS MAY VALIDATE OTHER SCREW SIZES AND TYPES AT THEIR OWN DISCRETION

2 DATE CODE IN THIS LOCATION USING 5 DIGIT CODE
FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK
LAST DIGIT = DAY.

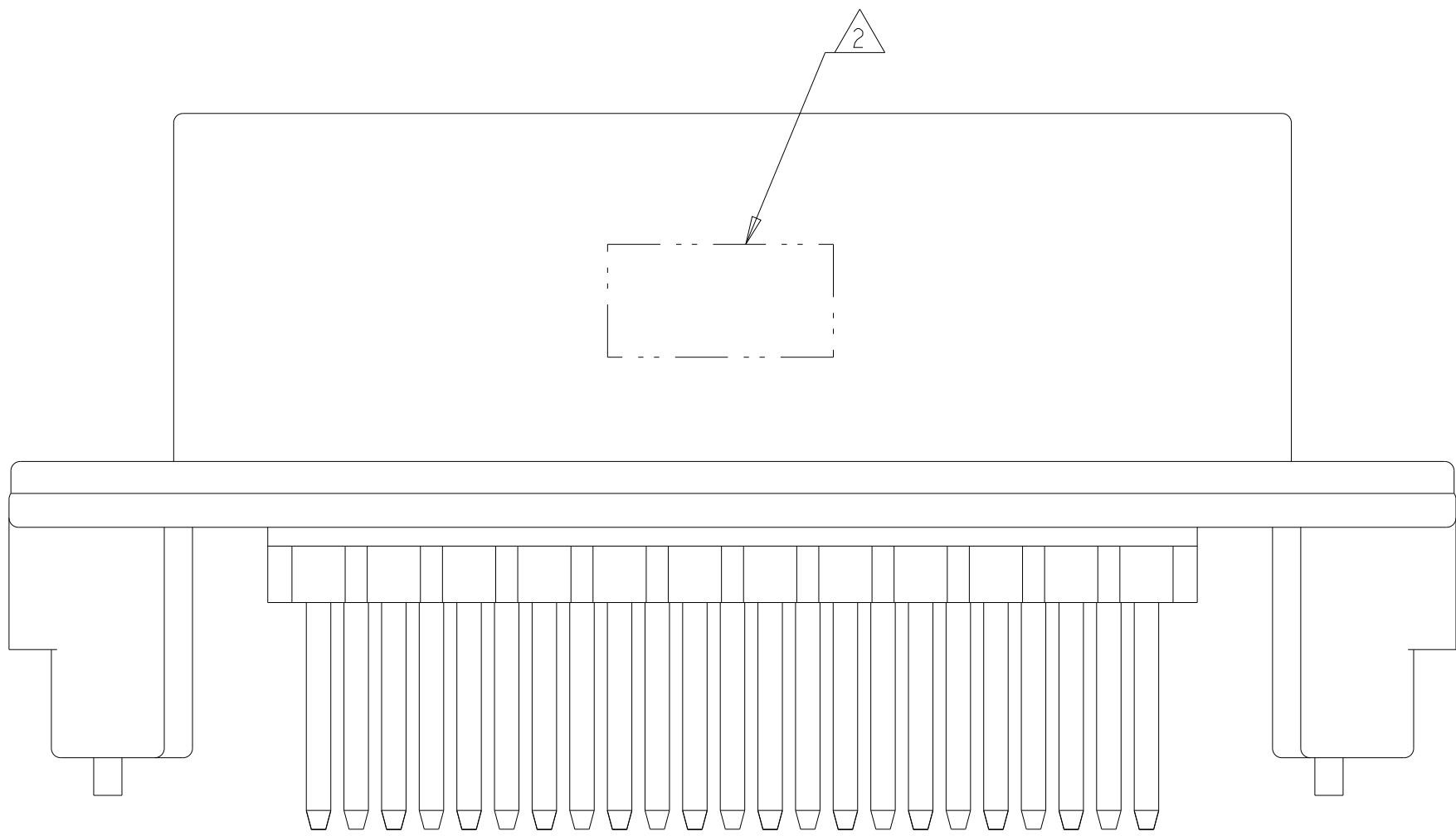
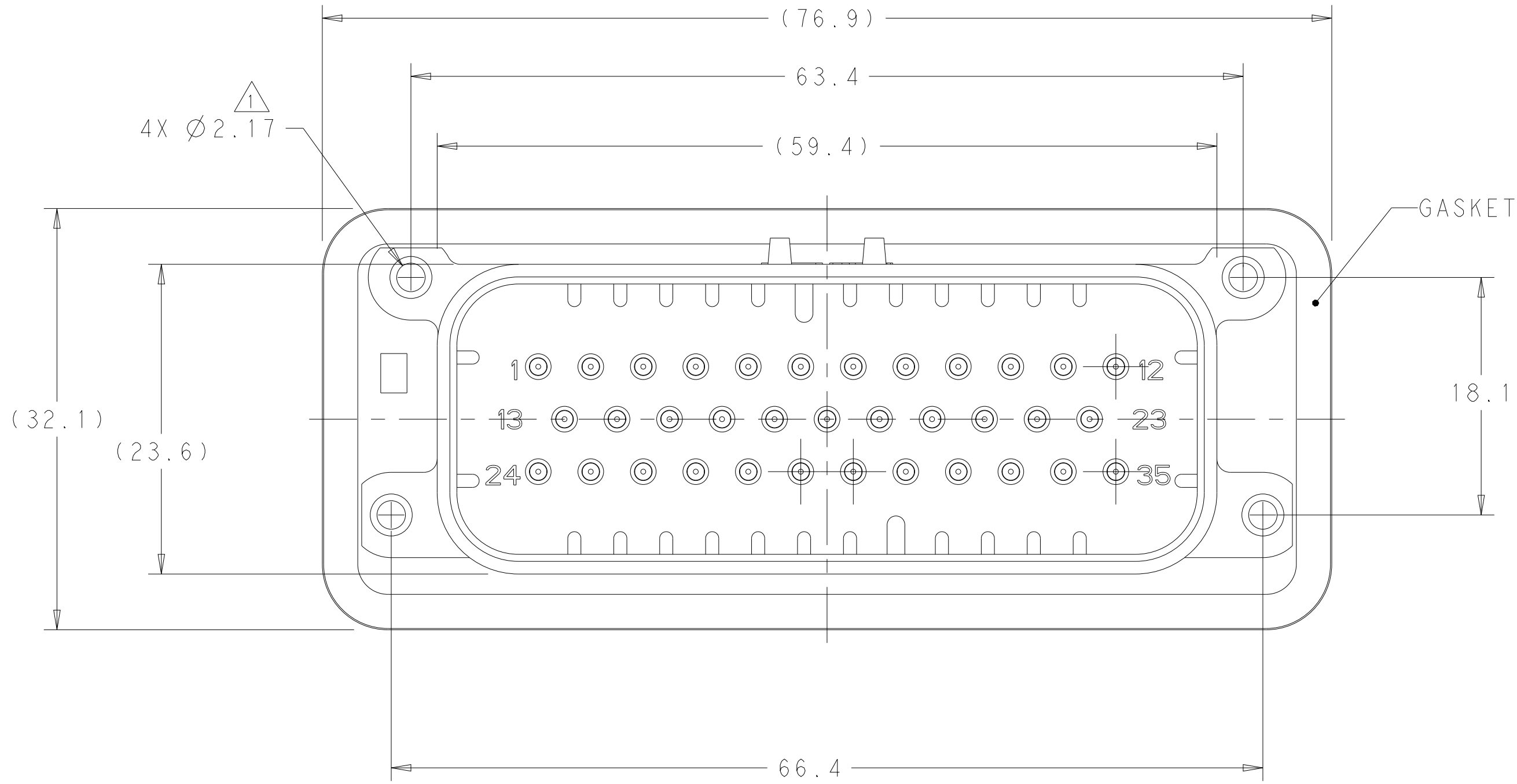
3 MATERIALS: HEADER HOUSING - GLASS FILLED PBT
PINS - TIN OR GOLD PLATED BRASS
GASKET - SILICONE

4 HOUSING COLORS ARE MECHANICALLY KEYED TO MATE ONLY WITH IDENTICALLY COLORED PLUG ASSEMBLIES.

5. HEADER MATES TO PLUG ASSEMBLY 776164 WHICH USES REELED TERMINAL 770520 OR LOOSE PIECE TERMINAL 770854

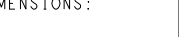


SECTION A-A



776231-1 & 1-776231-1 SHOWN

ORANGE	GOLD	1-776231-6
BLUE	GOLD	1-776231-5
GRAY	GOLD	1-776231-4
NATURAL	GOLD	1-776231-2
BLACK	GOLD	1-776231-1
BLUE	TIN	776231-5
GRAY	TIN	776231-4
NATURAL	TIN	776231-2
BLACK	TIN	776231-1
HEADER COLOR	4 PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN D. STRAUSSER 05MAR2010	 TE Connectivity				
DIMENSIONS:			CHK D. STRAUSSER 22MAR2010					
mm			APVD D. STRAUSSER 27APR2010	NAME				
			PRODUCT SPEC			ASSEMBLY, HEADER, 35 POSITION, VERTICAL, AMPSEAL WITH FLANGE SEAL		
			108-1329					
			APPLICATION SPEC					
			114-16016					
MATERIAL			WEIGHT	40.29g	SIZE CAGE CODE DRAWING NO		RESTRICTED TO	
 3			CUSTOMER DRAWING		A100779C=776231		-	
					SCALE	3:1	SHEET 1 OF 2	REV B

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

C

B

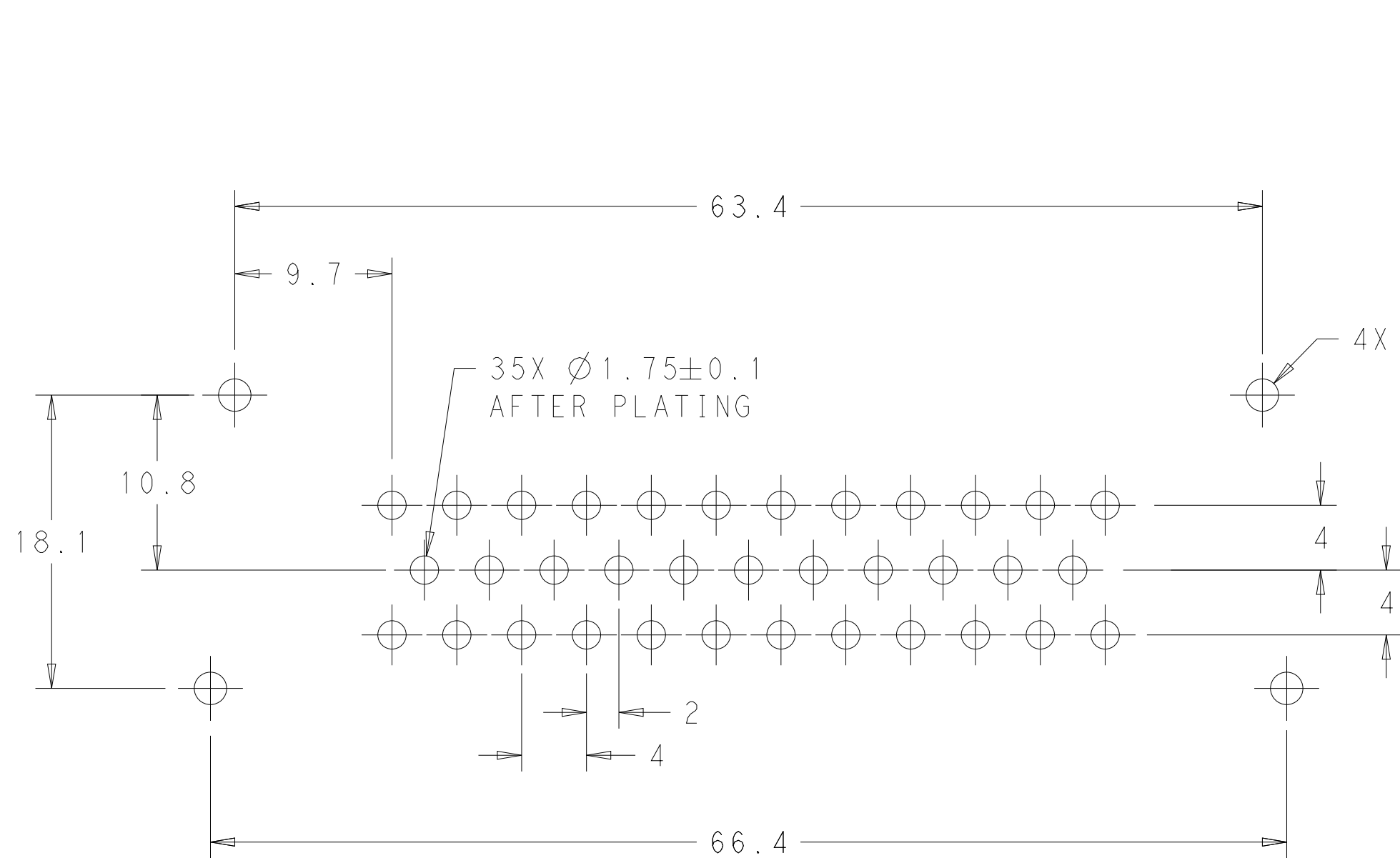
A

D

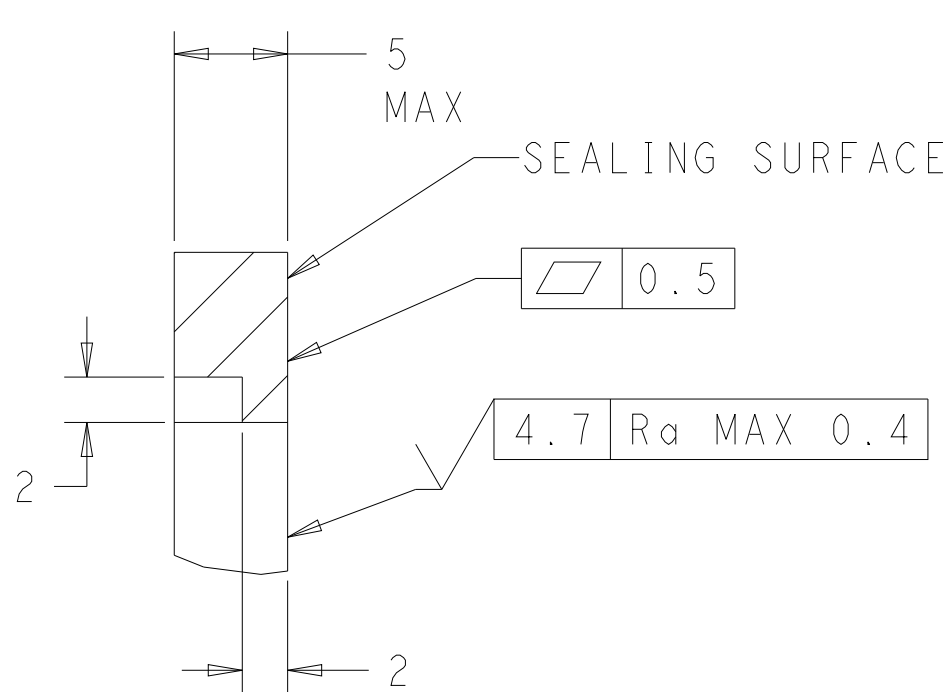
C

B

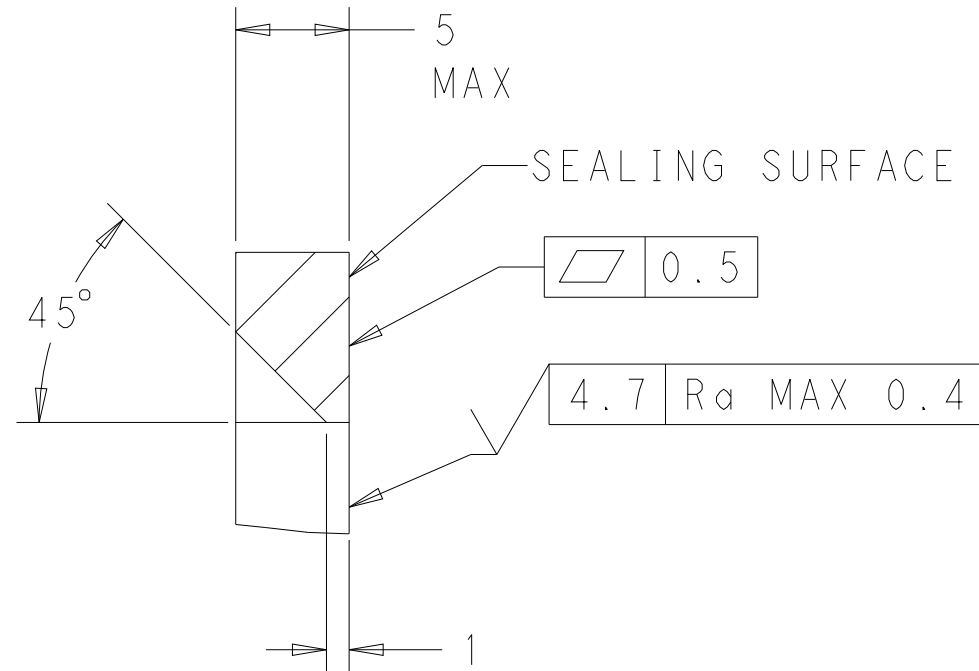
A



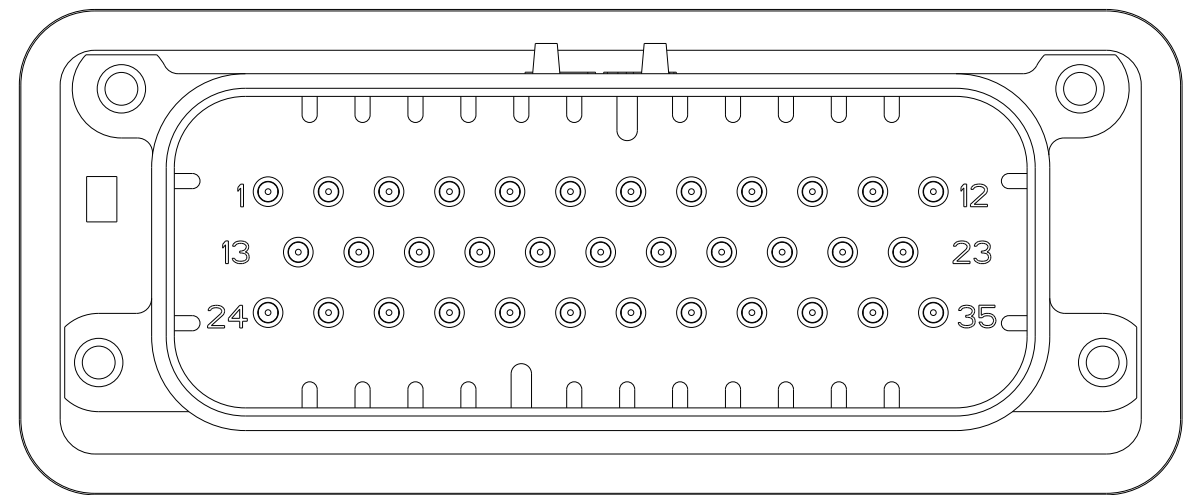
RECOMMENDED P.C. BOARD LAYOUT
FOR 1.57 THICK P.C. BOARD



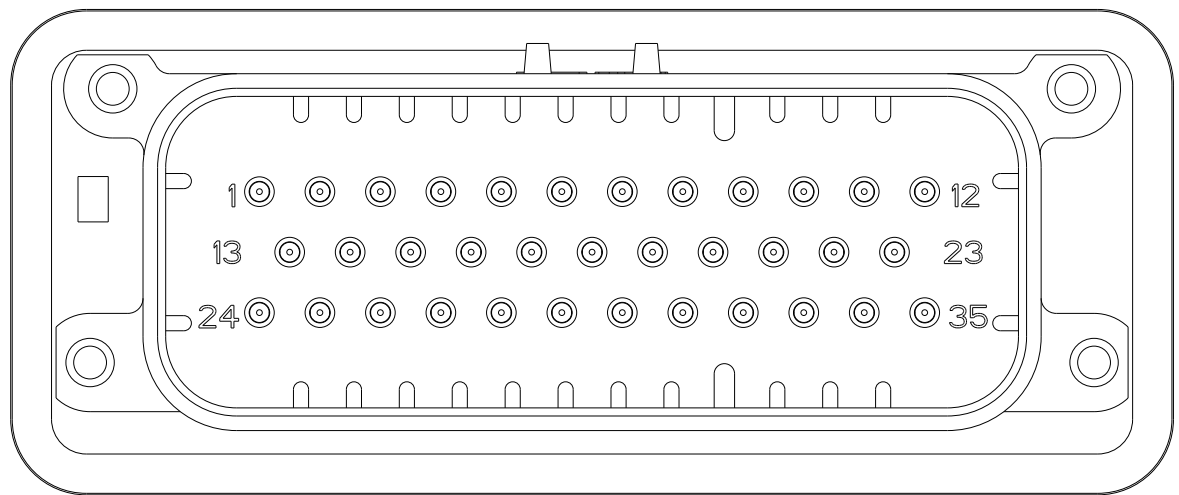
SECTION A-A
OPTIONAL CONSTRUCTION IF PANEL
THICKNESS IS GREATER THAN 2.0



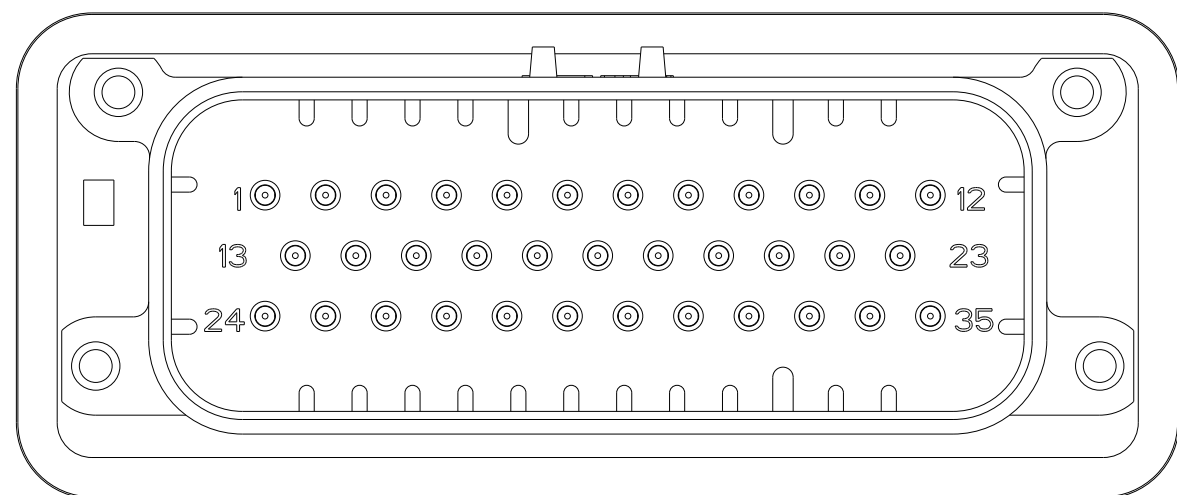
SECTION A-A
OPTIONAL CONSTRUCTION IF PANEL
THICKNESS IS GREATER THAN 2.0



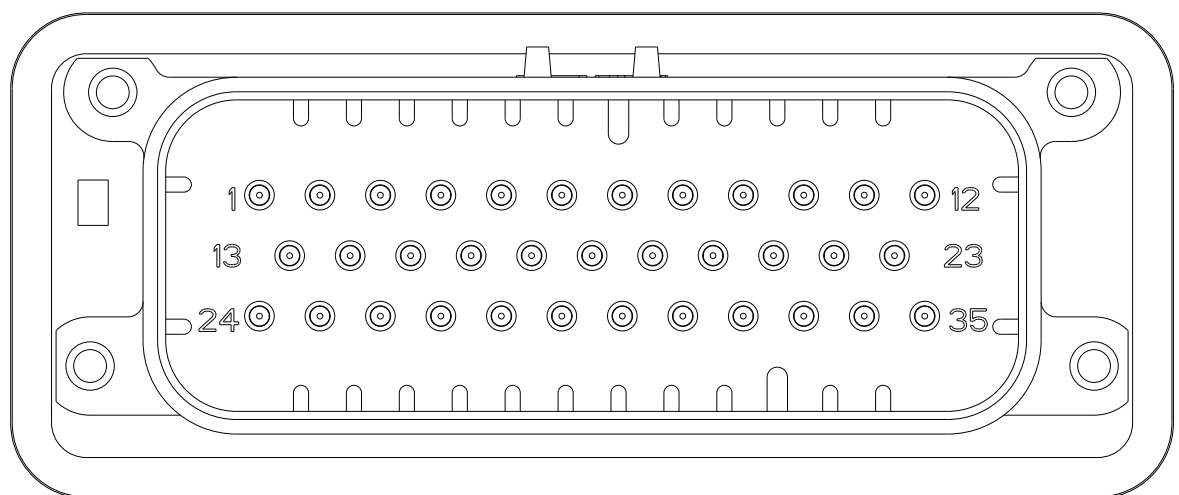
776231-2 & 1-776231-2
KEY LOCATION
SCALE 2:1



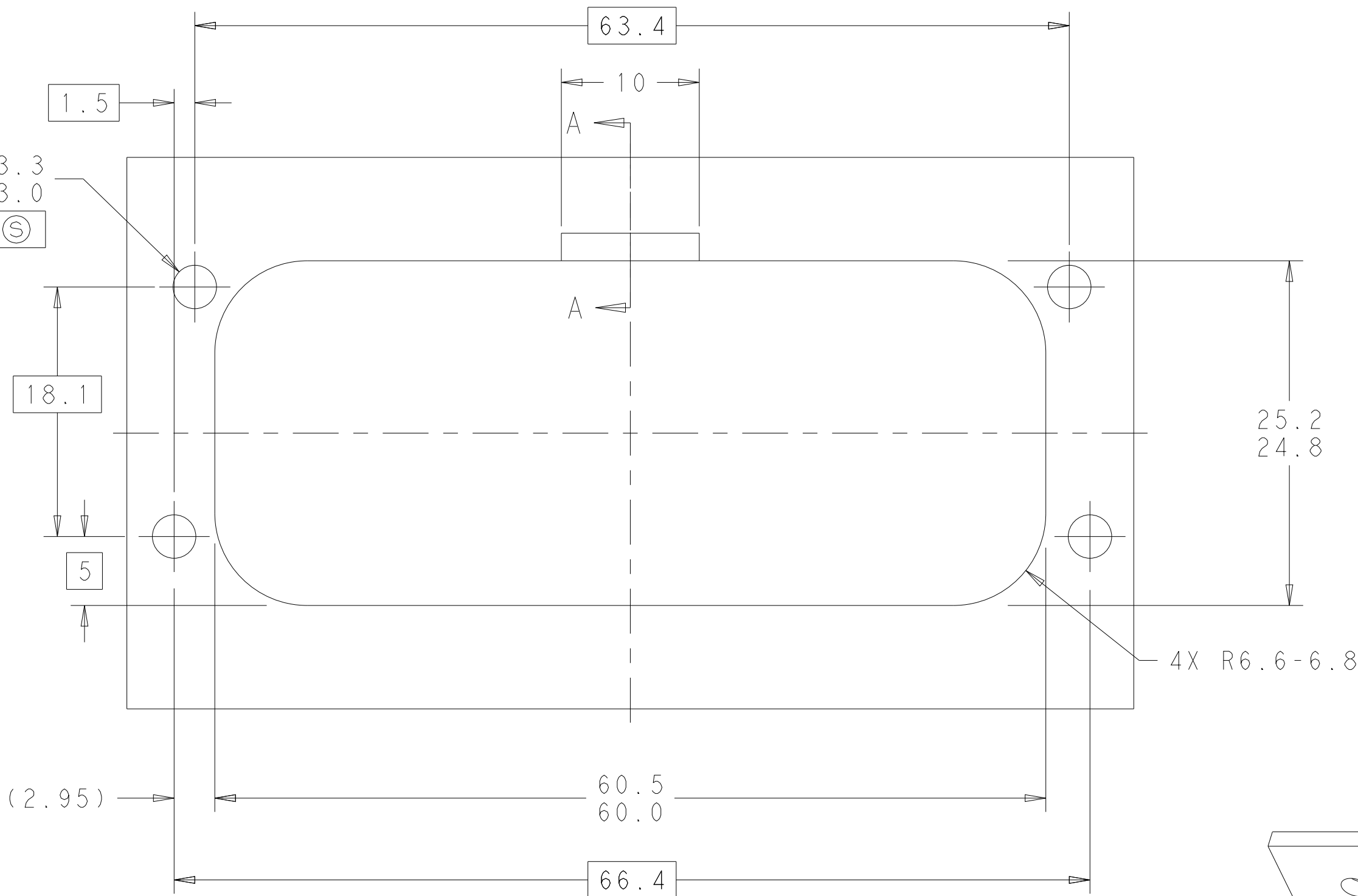
776231-4 & 1-776231-4
KEY LOCATION
SCALE 2:1



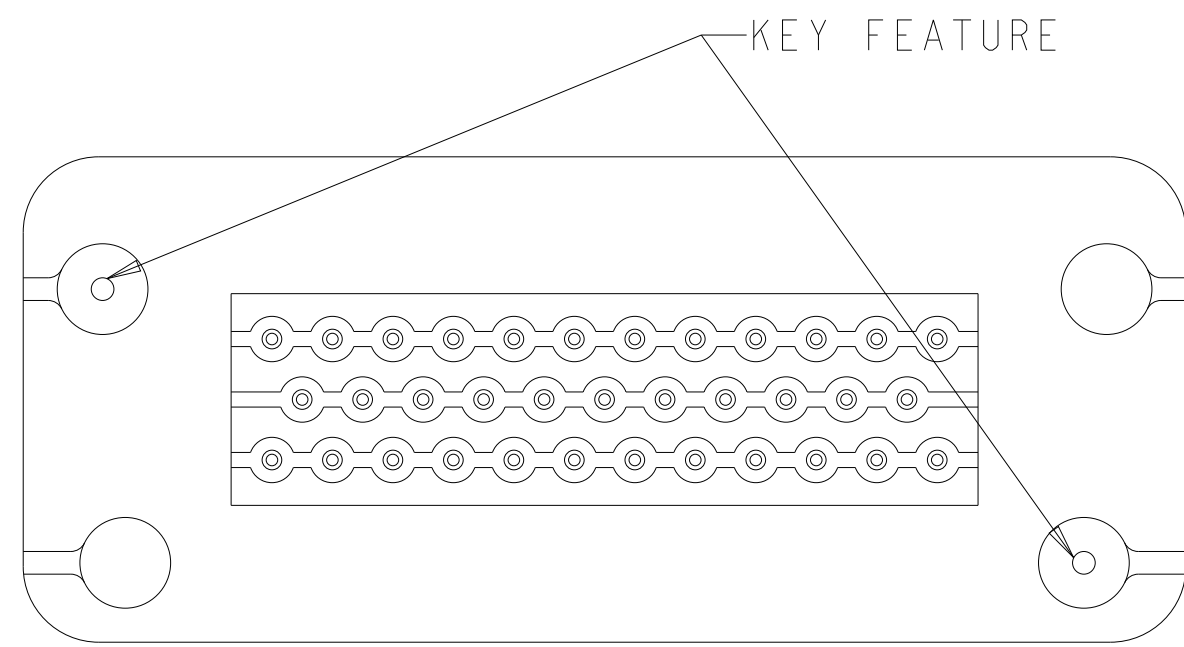
776231-5 & 1-776231-5
KEY LOCATION
SCALE 2:1



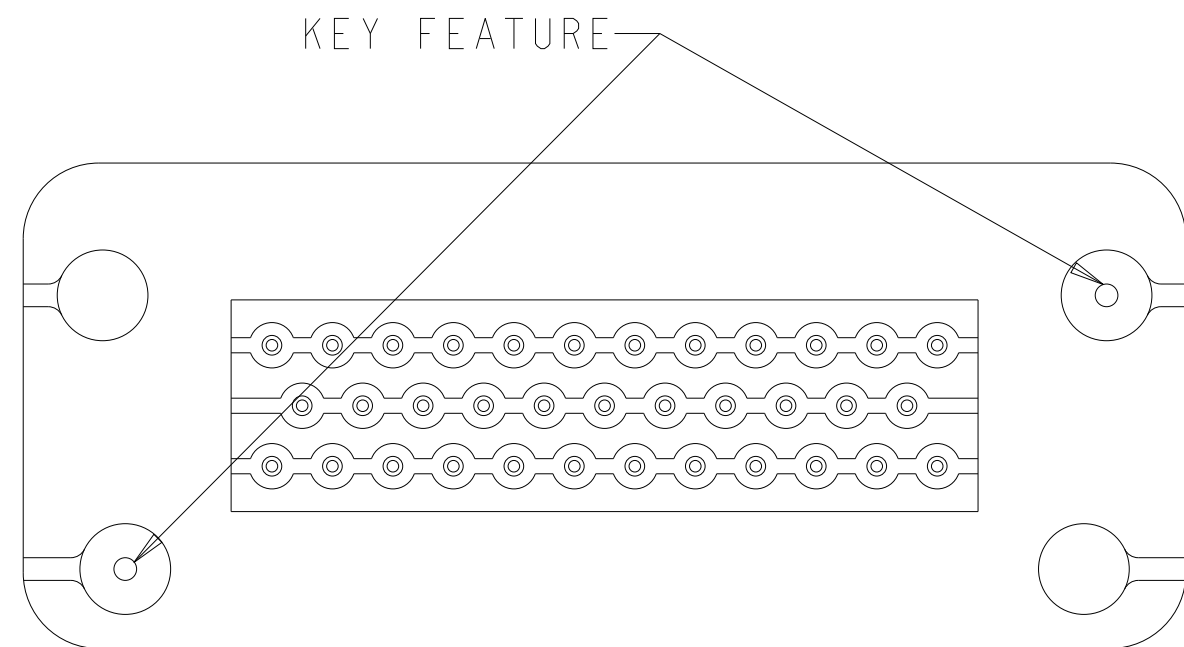
1-776231-6
KEY LOCATION
SCALE 2:1



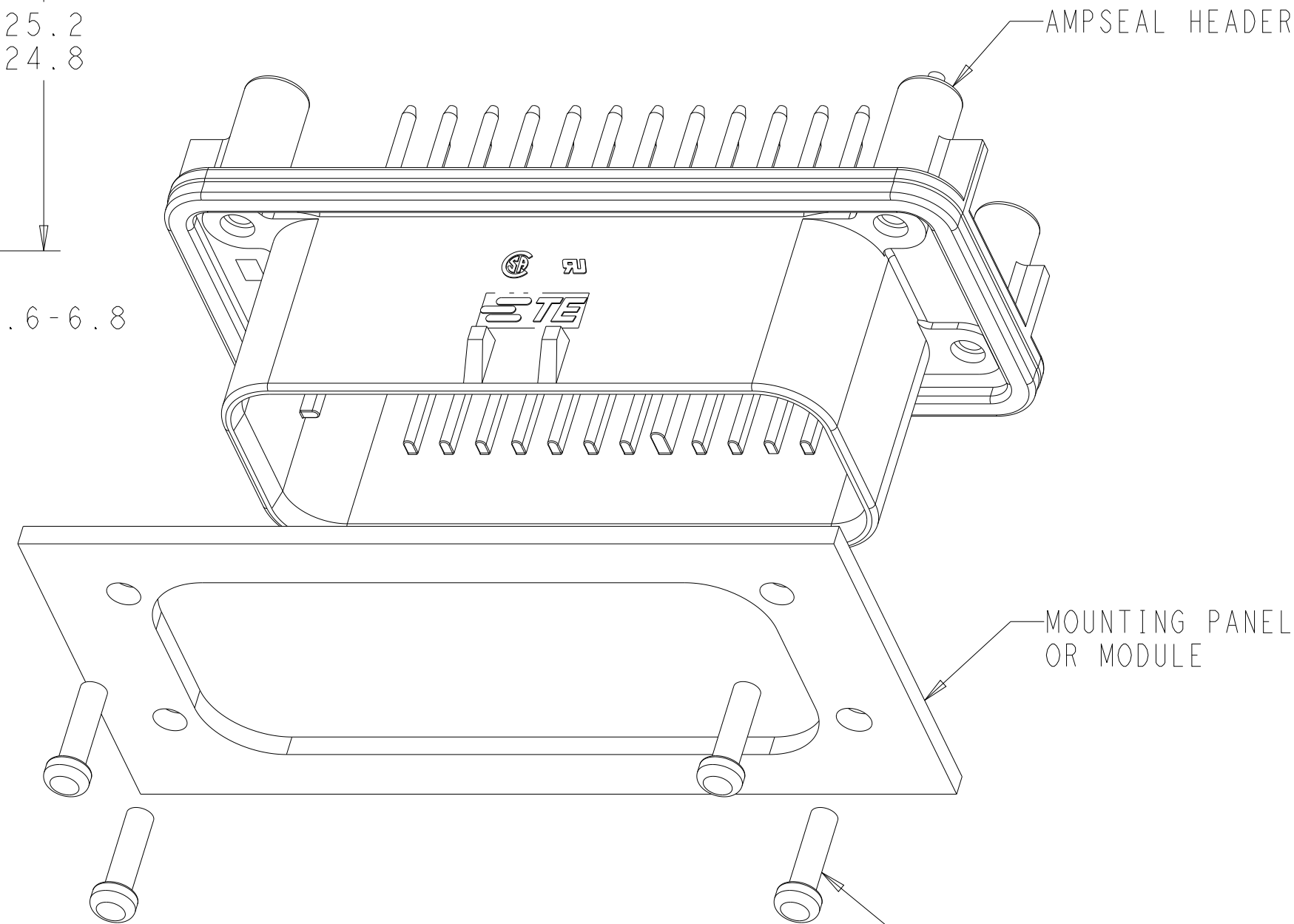
RECOMMENDED MOUNTING HOLE LAYOUT
FOR 5.0 MAX THICK PANEL



KEYING FOR 776231-1 1-776231-1, 776231-4,
1-776231-4 AND 1-776231-6
SCALE 2:1

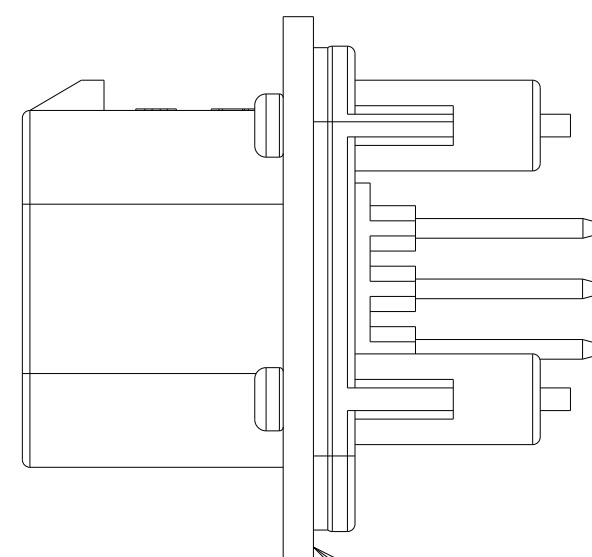


KEYING FOR 776231-2, 1-776231-2, 776231-5
AND 1-776231-5
SCALE 2:1



SCALE 2:1

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



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.		DWN D. STRAUSSER CHK D. STRAUSSER APVD D. STRAUSSER	05MAR2010 22MAR2010 27APR2010	NAME	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
mm		0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±0.2 FINISH ±0.2		108-1329	
MATERIAL		WEIGHT		114-16016	
CUSTOMER DRAWING		SCALE		1:1	
		SHEET		2 OF 2	
		REV		B1	