

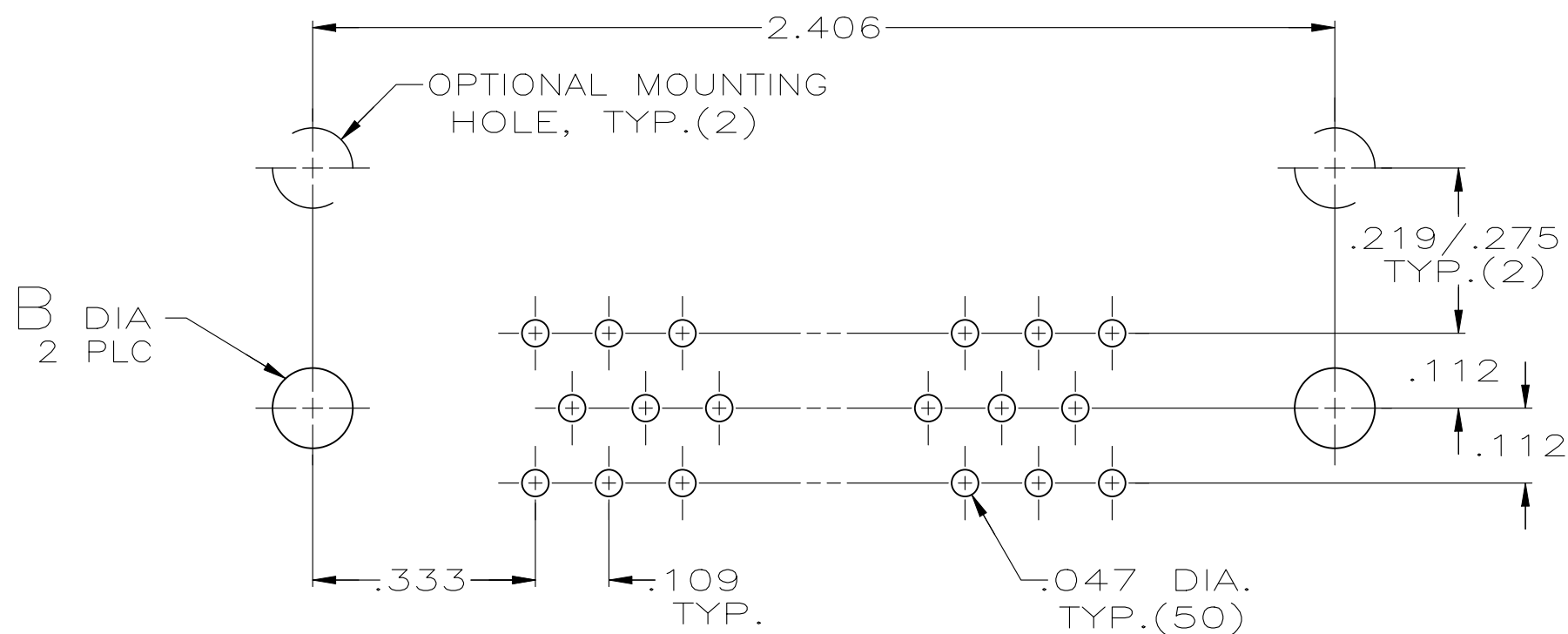
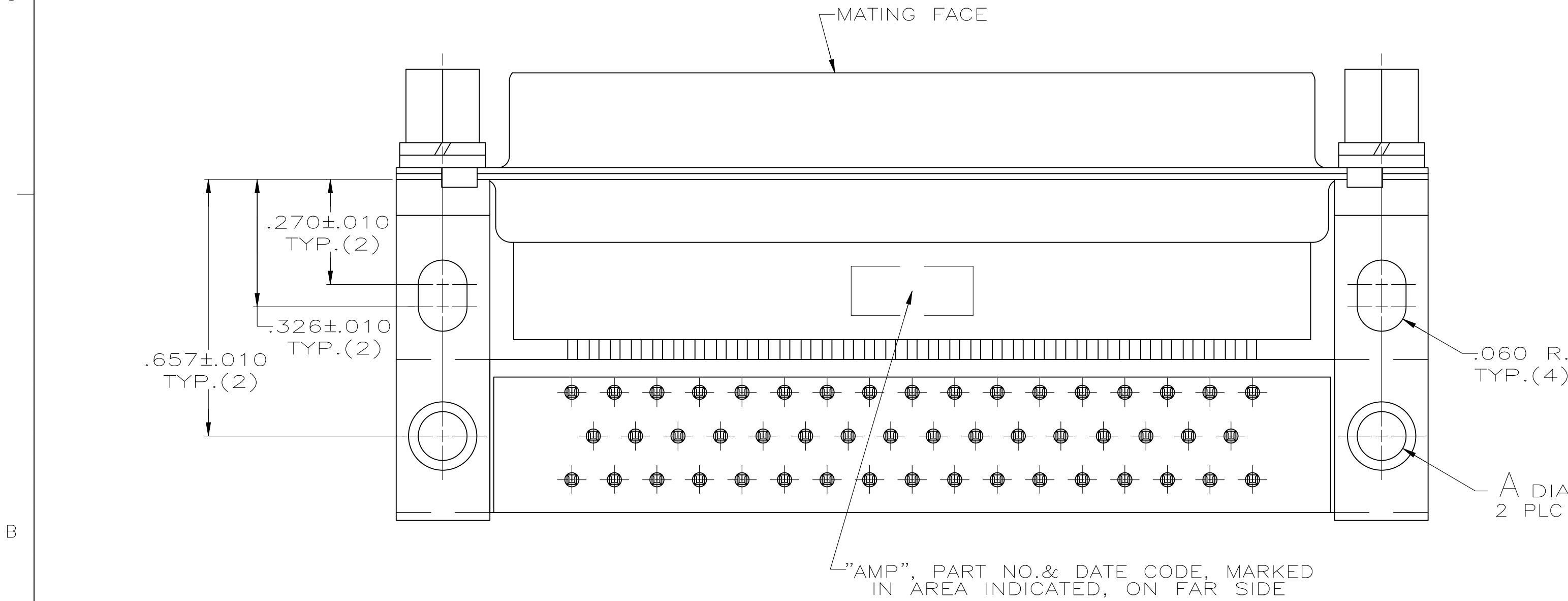
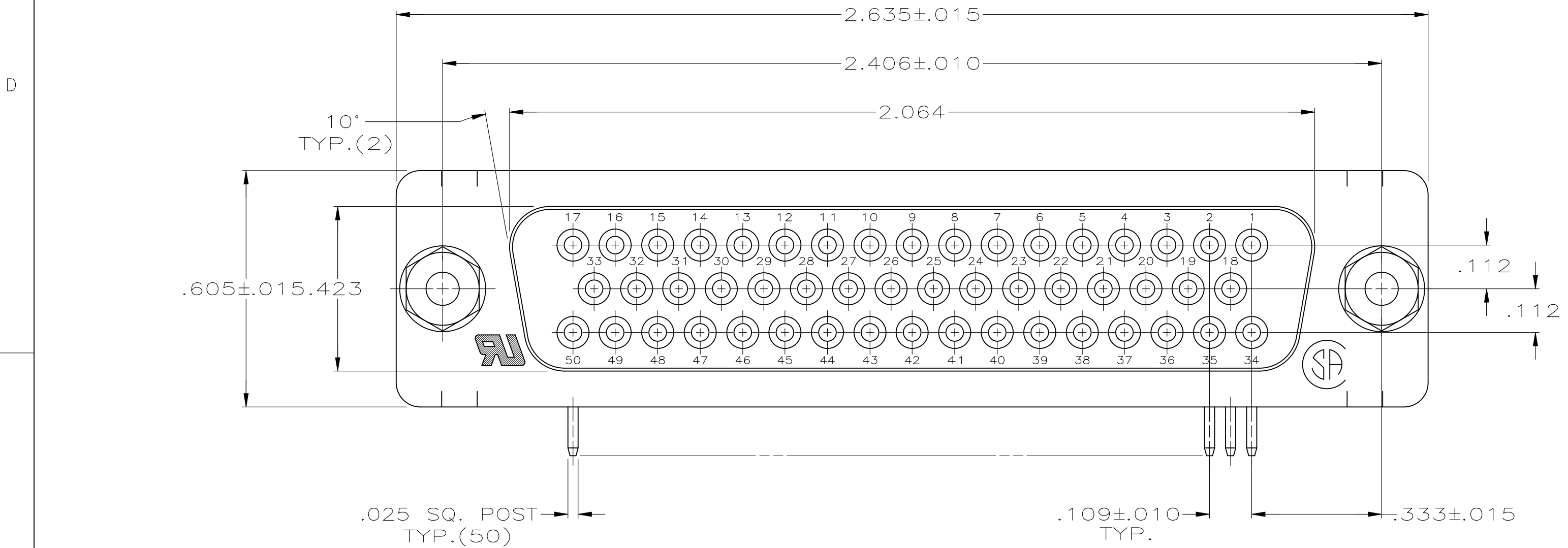
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
K1	REVISED	PER ECN-25-311557	17MAR2025	TR	SKN

D

C

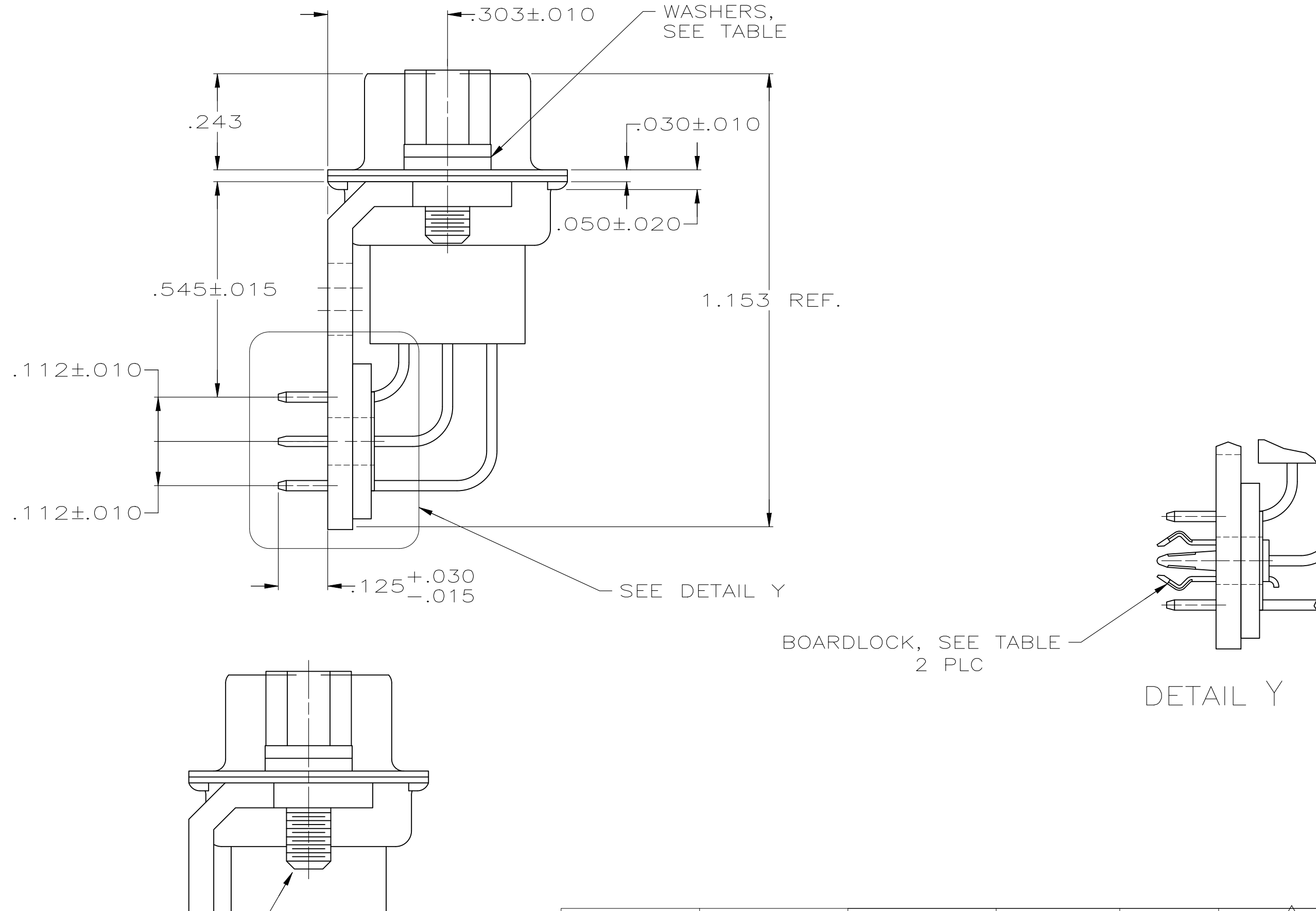
B

A



P.C. BOARD MOUNTING DIMENSIONS

- MOLDED PARTS: GLASS-FILLED PBT OR GLASS-FILLED NYLON, UL94V-0 RATED. COLOR: BLACK.
CONTACTS: PHOSPHOR BRONZE
SHELLS AND BRACKETS: STEEL
SCREWLOCKS AND WASHERS: STEEL
BOARDLOCK: BRASS
- SHELLS: .000200 MIN TIN OT TIN-LEAD OVER .000100 MIN COPPER.
BRACKETS: .000200 MIN TIN OVER .000050 MIN COPPER.
SCREWLOCKS AND WASHERS: .000200 MIN ZINC WITH CLEAR CHROMATE COATING
BOARDLOCK: .000150 MIN TIN-LEAD OVER .000050 MIN NICKEL.
CONTACTS: SEE TABLE
- GOLD FLASH FOR LENGTH OF .100 MIN FROM MATING END, .000100 MIN TIN-LEAD ON OPPOSITE END, BOTH OVER .000050 MIN NICKEL.
- .000030 MIN GOLD FOR LENGTH OF .100 MIN FROM MATING END, .000100 MIN TIN-LEAD ON OPPOSITE END, BOTH OVER .000050 MIN NICKEL.
-OR-
GOLD FLASH OVER .000030 MIN PALLADIUM NICKEL FOR A LENGTH OF .100 MIN FROM MATING END, .000100 MIN TIN-LEAD ON OPPOSITE END, BOTH OVER .000050 MIN NICKEL.
- ADVANCED PART NUMBER, NOT PRODUCTION TOOLED.
- CONNECTOR MATES WITH ANY 50 POS. PLUG IN AMPLITE SERIES & COMPLIES WITH AMP SPEC. 109-40,005 WHERE APPLICABLE.



OBSOLETE	NO	YES	.125±.003	-	3	747193-5
OBSOLETE	YES	YES	.125±.003	-	3	747193-4
	YES	NO	.120	.120	4	747193-3
OBSOLETE	YES	NO	.120	.120	4	747193-2
	YES	NO	.120	.120	3	747193-1
WASHERS		BOARDLOCK	B	A	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.GERACE 8-27-84	TE Connectivity			
DIMENSIONS: INCHES		CHK J.GERACE 8-27-84	NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	RCPT ASSY, SIZE 5, 50 POS RGT ANG .545 SERIES, .025 SQ. POSTS, SCWLOCKS AMPT HDP			
MATERIAL		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO			
FINISH		WEIGHT	A100779C=747193			
CUSTOMER DRAWING		SCALE	SHEET 1 OF 1 REV K1			