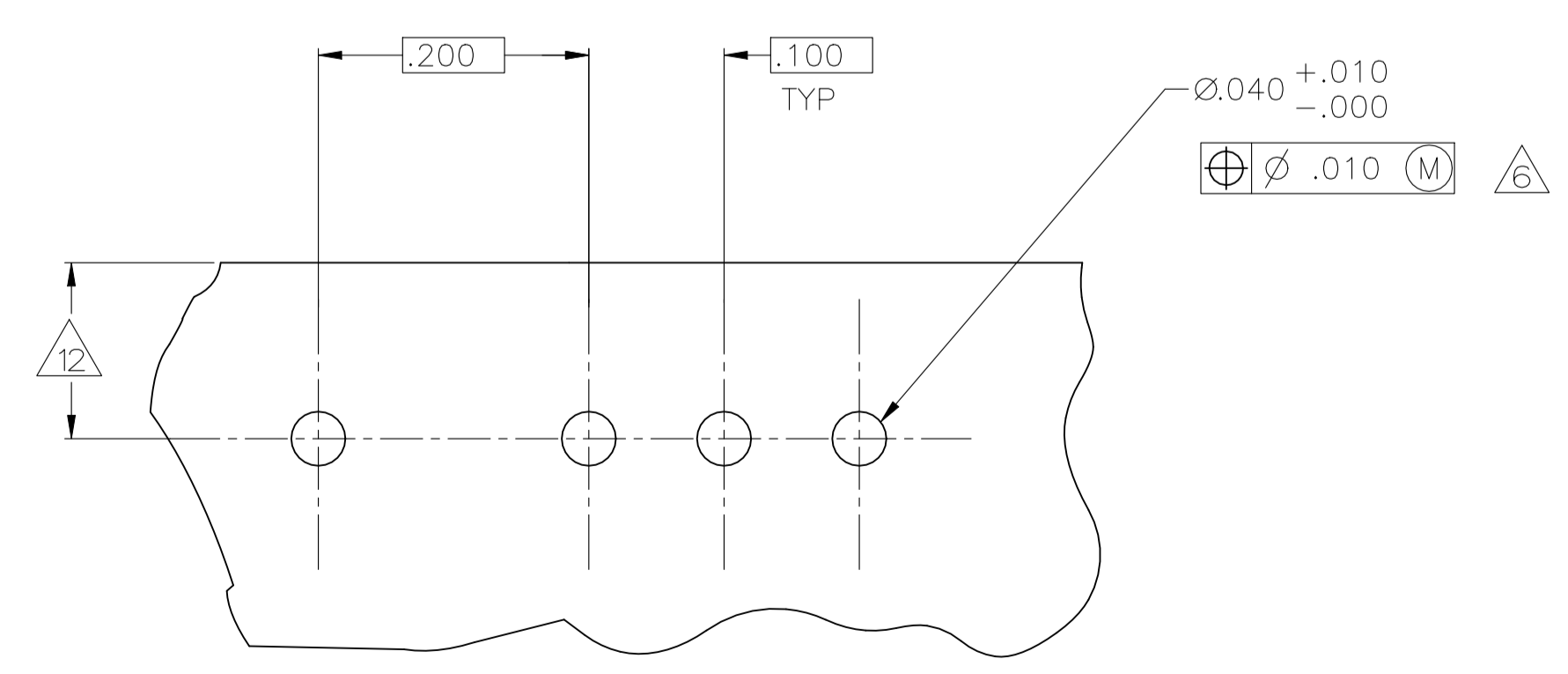
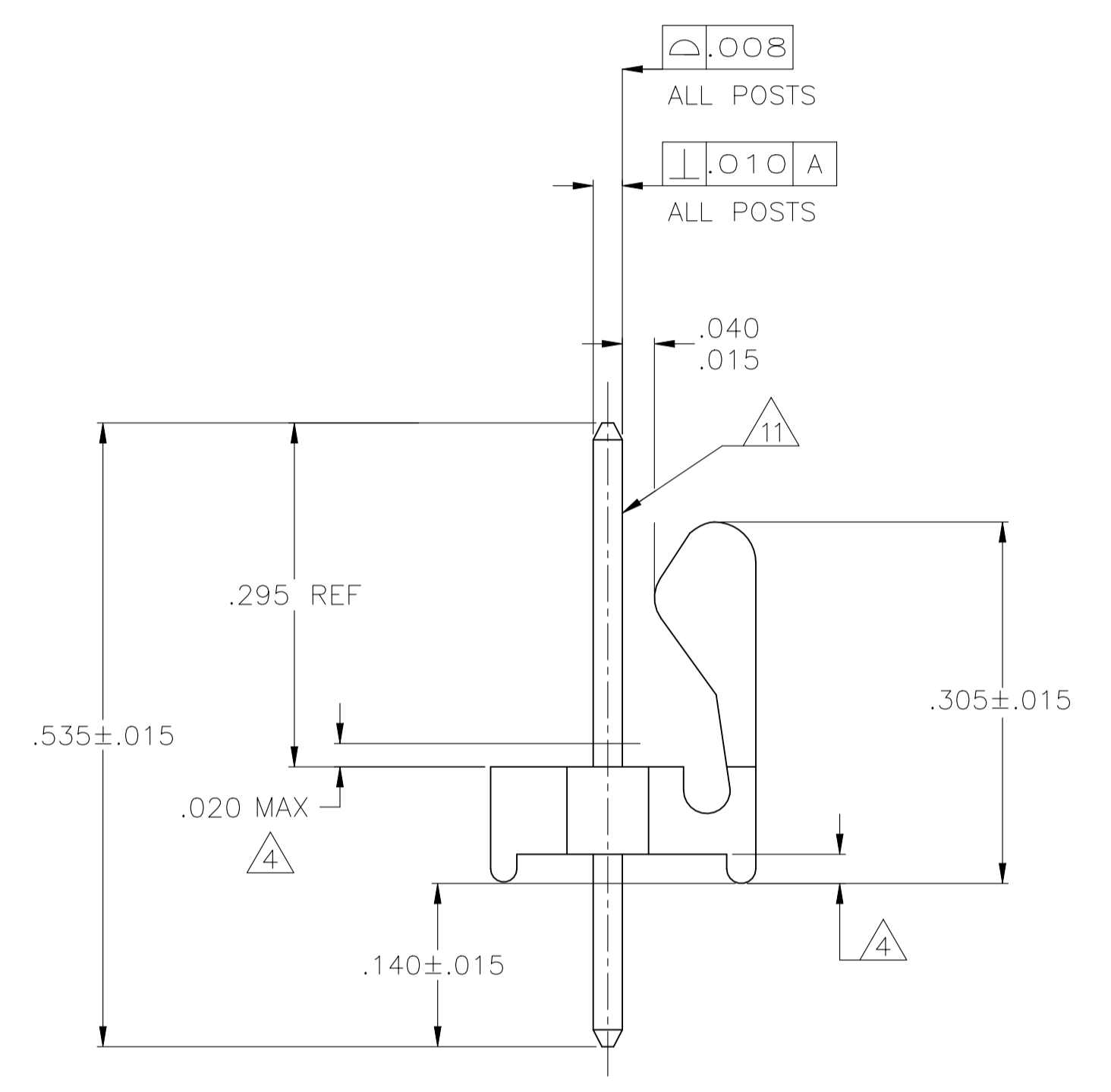
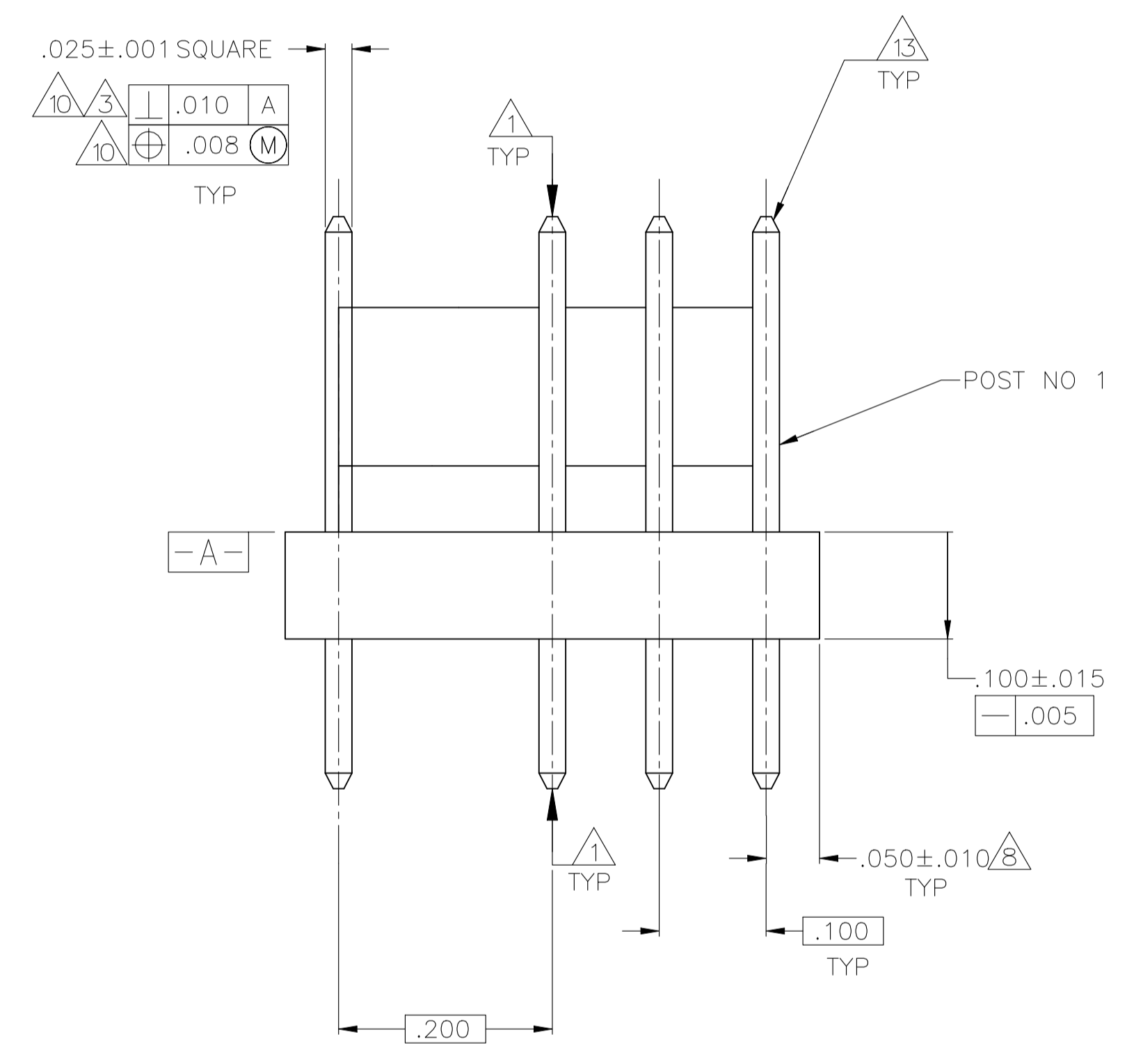
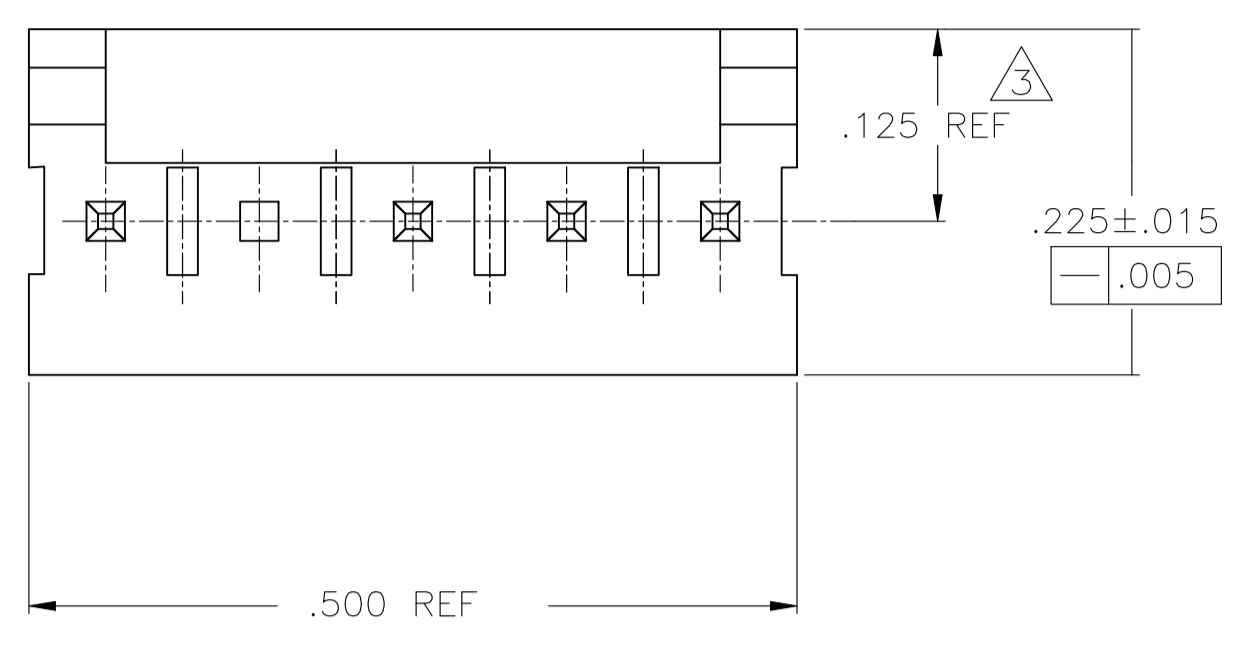


REVISIONS				
P	LTR	DESCRIPTION	DATE	APPROV
S5		REVISED PER ECR-23-181719	06AUG2024	MV JP

- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE  $\square$ -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED( $\phi$ .032-.035) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER UL94V-0(NATURAL)  
POST-COPPER ALLOY (TIN-PLATED)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK P.C. BOARD

IN	MM	IN	MM
.040	1.02	.535	13.59
.035	0.89	.500	12.70
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.200	5.08
.010	0.25	.140	3.56
.008	0.20	.130	3.30
.005	0.13	.125	3.18
.003	0.08	.100	2.54
.001	0.03	.063	1.60
.000	0.00	.050	1.27

643140-2 SHOWN

OBSOLETE	2 & 4	-643140-7-
	3	643140-6
OBSOLETE	2	-643140-3-
	4	643140-2
	5	643140-1
	POST NUMBER OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN L. SMITH 3-30-93	CHK R. SWING 3-30-93	APPROV R. SPEER 4-15-93	NAME
0. PLC ± -	1. PLC ± -	2. PLC ± -	3. PLC ± -.005	4. PLC ANGLES ± -	APPLICATION SPEC
MATERIAL	FINISH	WEIGHT	SIZE A1	CAGE CODE 00779	DRAWING NO. 643140
CUSTOMER DRAWING		SCALE 8:1	SHEET 1 of 1	REV S5	RESTRICTED TO

MTA-100 HDR ASSY.FRICTION LOCK, NOTCHED,.025 SQUARE STRAIGHT POST,TIN PLATED.