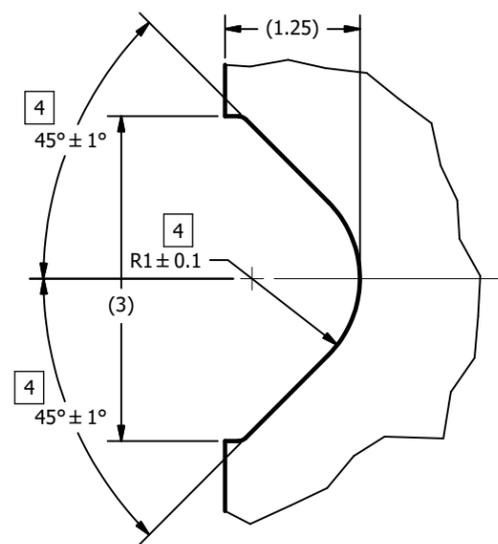
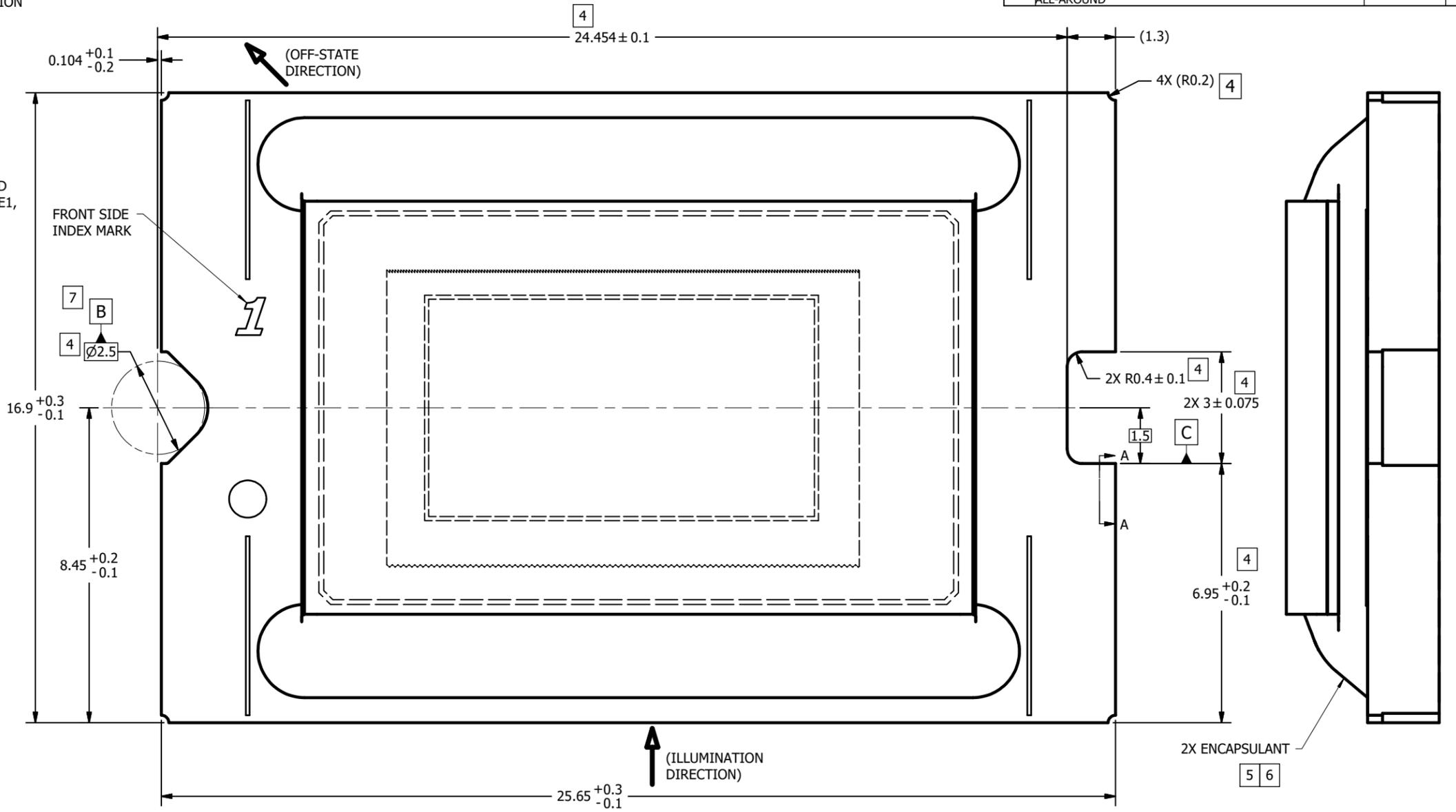


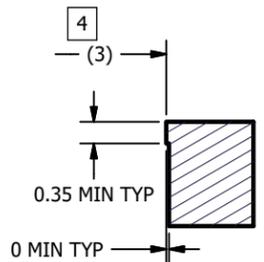
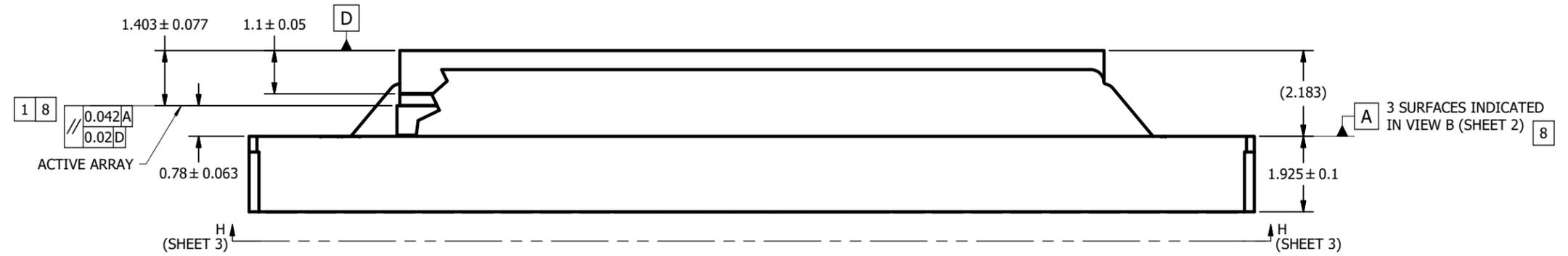
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REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 2178176: INITIAL RELEASE	12/11/2018	BMH
B	ECO: 2187413: CHANGE SHORT APERTURE SLOTS TO ALL-AROUND	4/29/2020	PPC

- NOTES UNLESS OTHERWISE SPECIFIED:
- 1 DIE PARALLELISM TOLERANCES APPLY TO DMD ACTIVE ARRAY ONLY.
 - 2 ROTATION ANGLE OF DMD ACTIVE ARRAY IS A REFINEMENT OF THE LOCATION TOLERANCE AND HAS A MAXIMUM ALLOWED VALUE OF 0.6 DEGREES.
 - 3 BOUNDARY MIRRORS SURROUNDING THE DMD ACTIVE ARRAY.
 - 4 NOTCH DIMENSIONS ARE DEFINED BY UPPERMOST LAYERS OF CERAMIC, AS SHOWN IN SECTION A-A.
 - 5 ENCAPSULANT TO BE CONTAINED WITHIN DIMENSIONS SHOWN IN VIEW D (SHEET 3). NO ENCAPSULANT IS ALLOWED ON TOP OF THE WINDOW.
 - 6 ENCAPSULANT NOT TO EXCEED THE HEIGHT OF THE WINDOW.
 - 7 SEE DETAIL B FOR "V-NOTCH" DIMENSIONS.
 - 8 WHILE ONLY THE THREE DATUM A TARGET AREAS A1, A2, AND A3 ARE USED FOR MEASUREMENT, ALL 4 CORNERS SHOULD BE CONTACTED, INCLUDING E1, TO SUPPORT MECHANICAL LOADS.



DETAIL B
V-NOTCH
SCALE 30 : 1



SECTION A-A
(ROTATED 90°)

UNLESS OTHERWISE SPECIFIED ● DIMENSIONS ARE IN MILLIMETERS ● TOLERANCES: ANGLES ± 1° 2 PLACE DECIMALS ± 0.25 1 PLACE DECIMALS ± 0.50 ● DIMENSIONAL LIMITS APPLY BEFORE PROCEEDING ● INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994 ● REMOVE ALL BURRS AND SHARP EDGES ● PARENTHETICAL INFORMATION FOR REFERENCE ONLY	DRAWN B. HASKETT ENGINEER B. HASKETT QA/CE K. DICKERSON CM B. HASKETT J. MCKINLEY APPROVED HERMOSILLO	DATE 12/11/2018 12/11/2018 12/12/2018 12/19/2018 12/18/2018 12/18/2018	TEXAS INSTRUMENTS Dallas, Texas TITLE ICD, MECHANICAL, DMD, .47 4K HSSI SERIES 317 (FQQ PACKAGE)
	APPLICATION NEXT ASSY USED ON 0314DA	SIZE D SCALE 15:1	DWG NO. 2516402

D

D

C

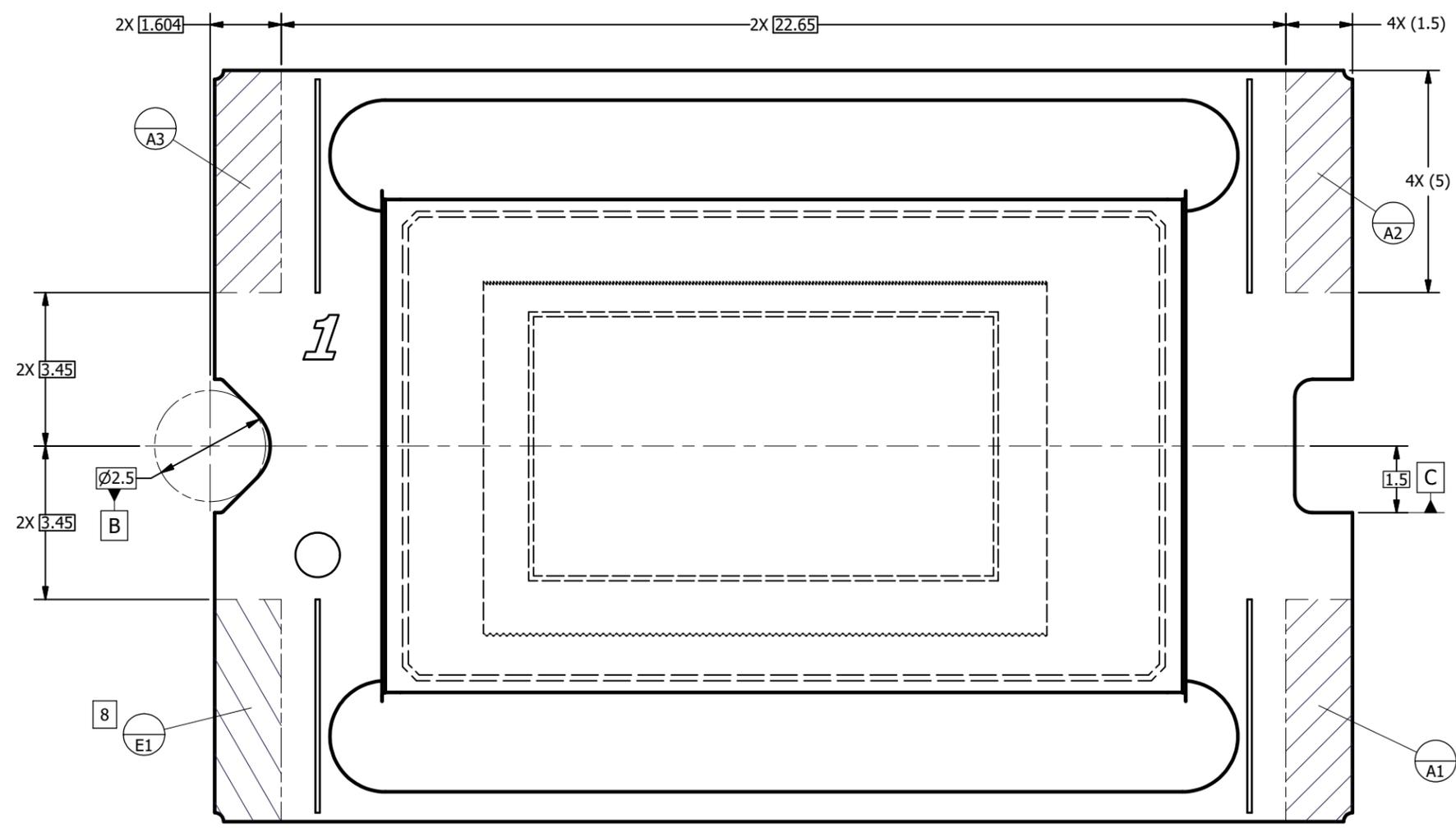
C

B

B

A

A



VIEW C
 DATUMS A AND E
 (FROM SHEET 1)

8

7

6

5

4

3

DWG NO. 2516402

SH 3

1

D

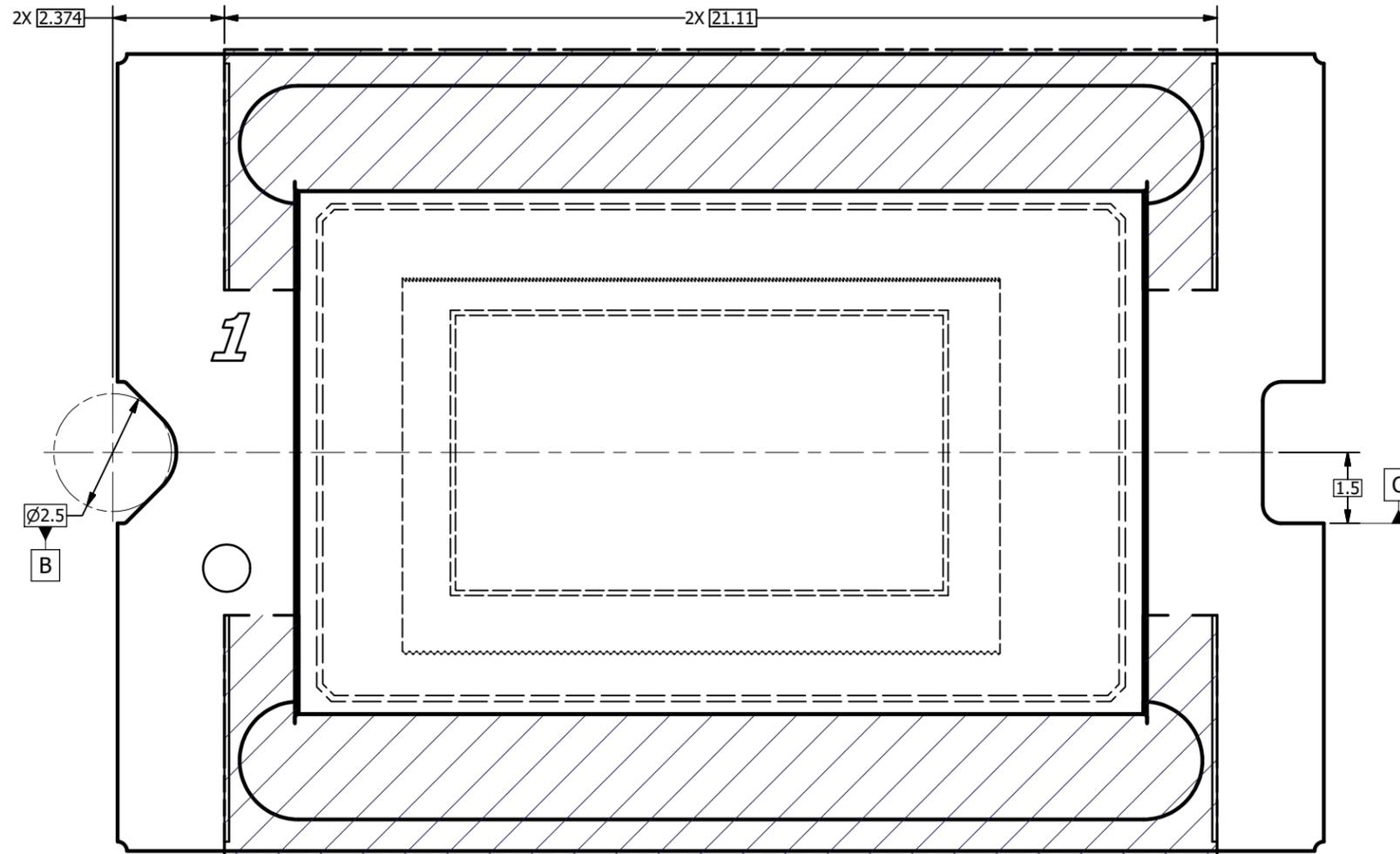
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C

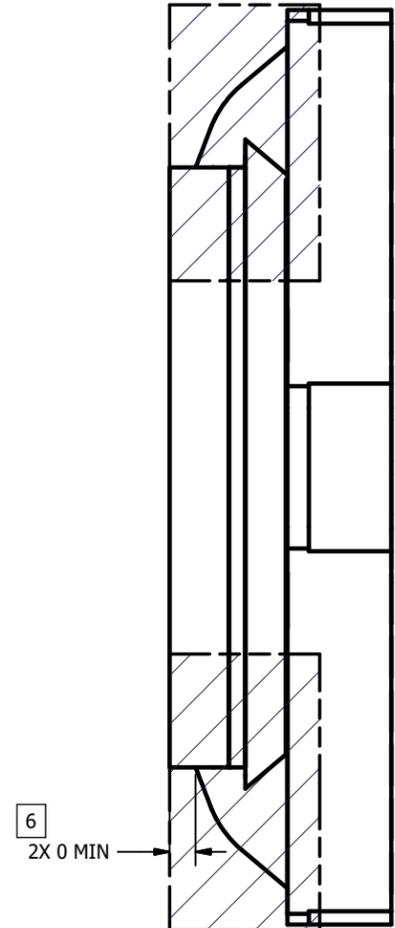
C

B

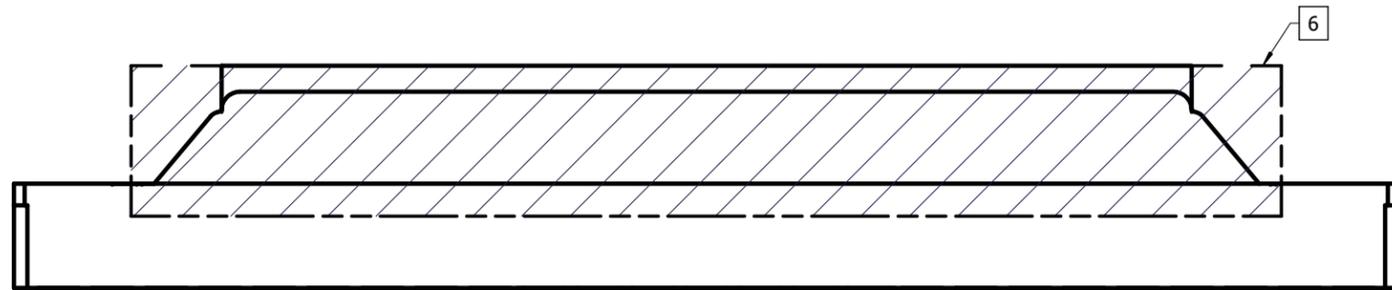
B



VIEW D
ENCAPSULANT MAXIMUM X/Y DIMENSIONS [5]
(FROM SHEET 1)



VIEW E
MAXIMUM ENCAPSULANT HEIGHT



A

A

8

7

6

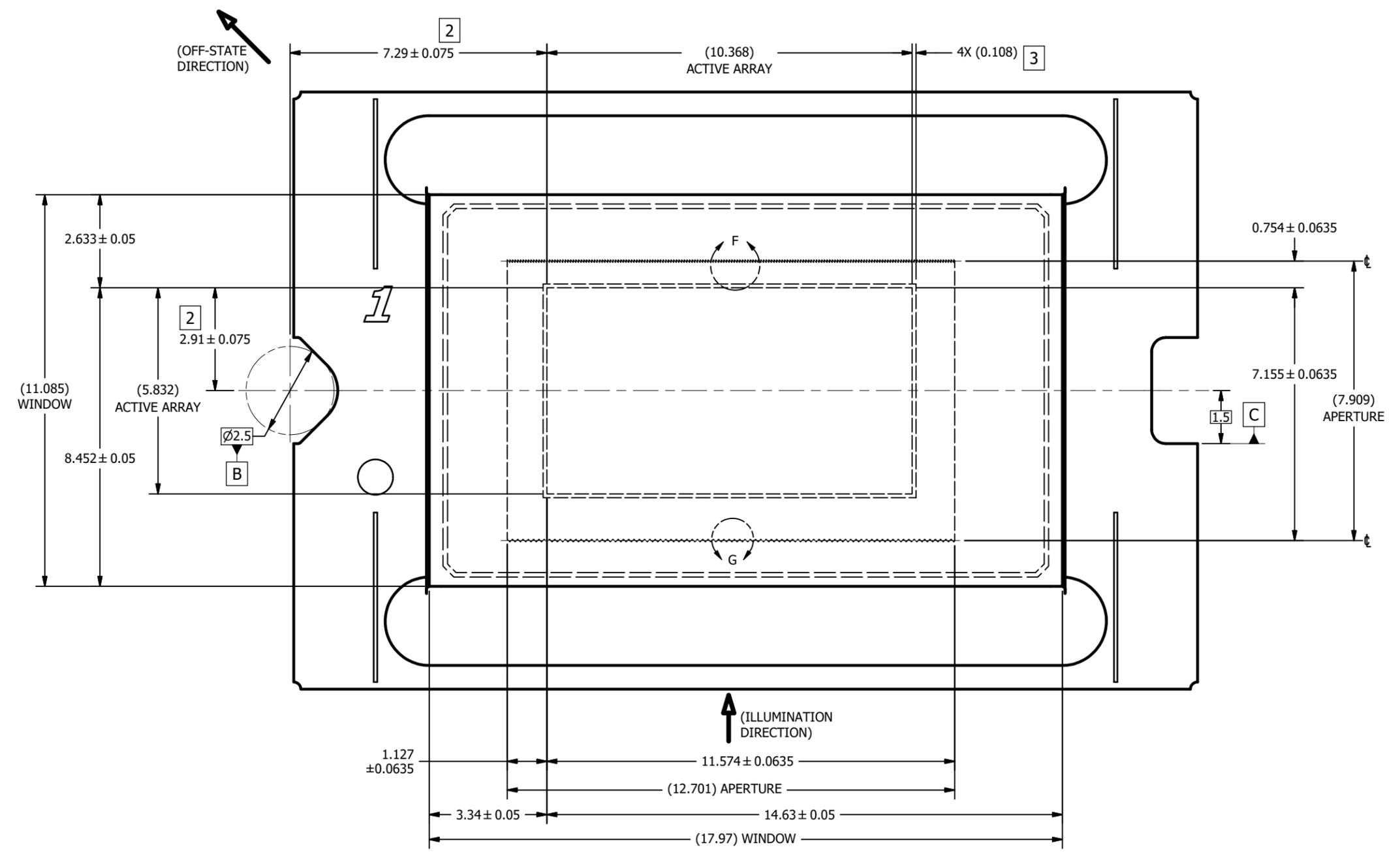
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4

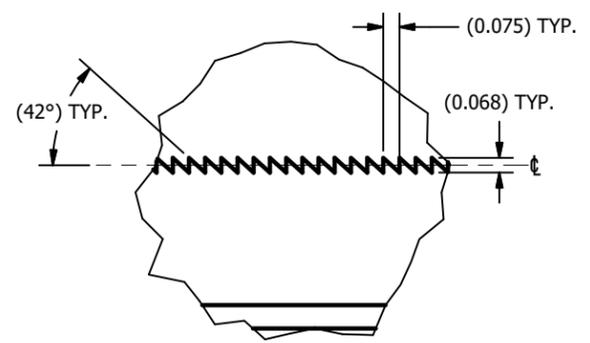
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2

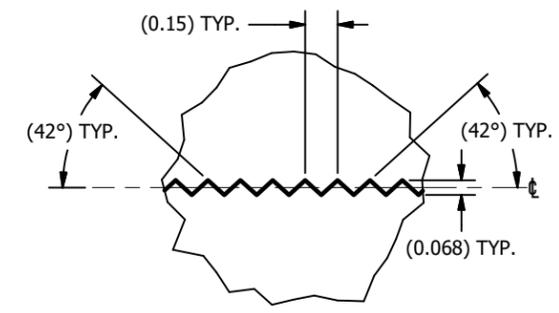
1



VIEW E
WINDOW AND ACTIVE ARRAY
(FROM SHEET 1)



DETAIL F
APERTURE TOP EDGE
(GLASS OMITTED FOR CLARITY)
SCALE 60 : 1



DETAIL G
APERTURE BOTTOM EDGE
(GLASS OMITTED FOR CLARITY)
SCALE 60 : 1

D

D

C

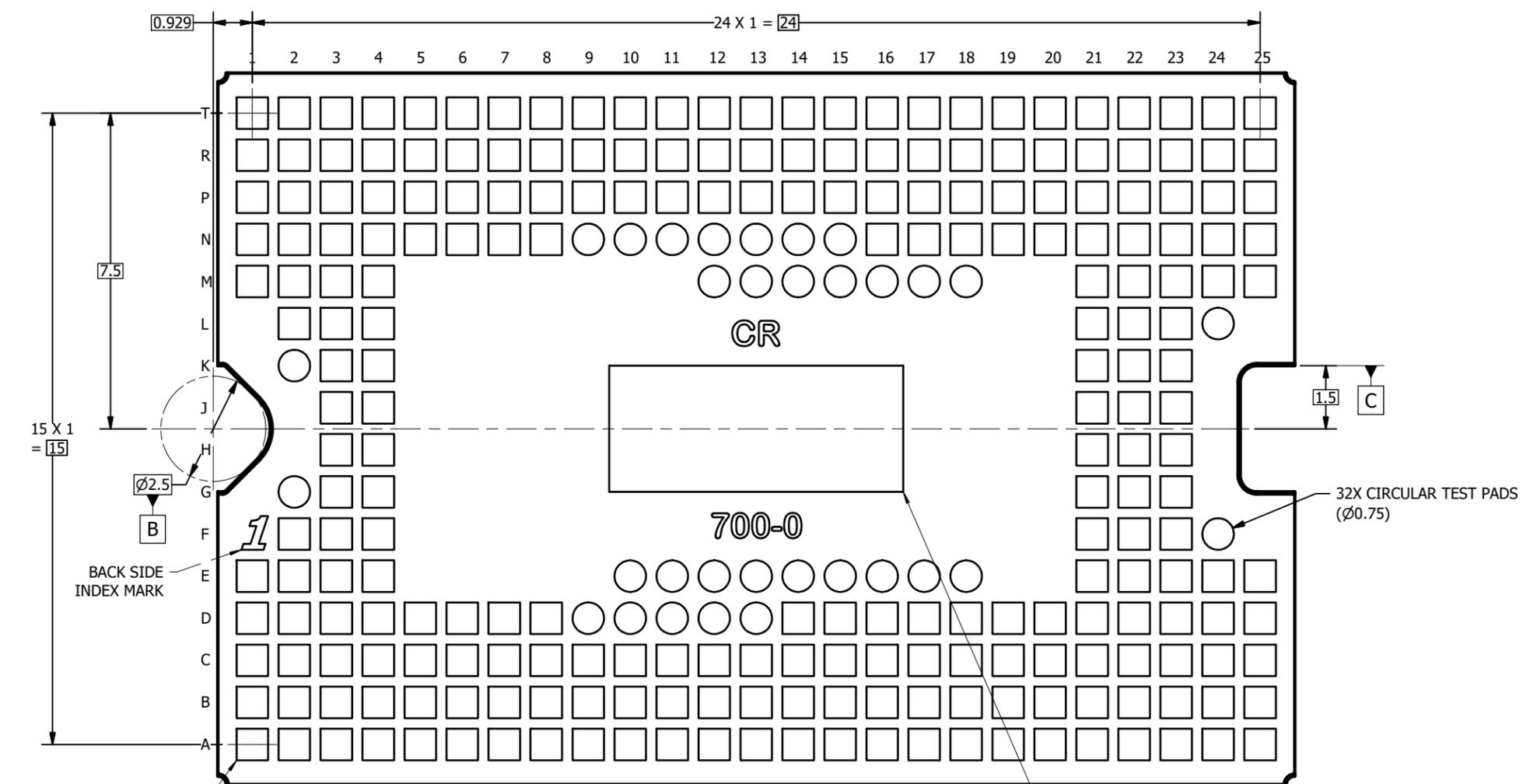
C

B

B

A

A



238X SQUARE LGA PADS
 0.75±0.05 X 0.75±0.05

Ø	0.2A	BC
	0.1A	

VIEW H-H
 BACK SIDE METALIZATION
 (FROM SHEET 1)

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