

DO NOT SCALE FROM THIS PRINT

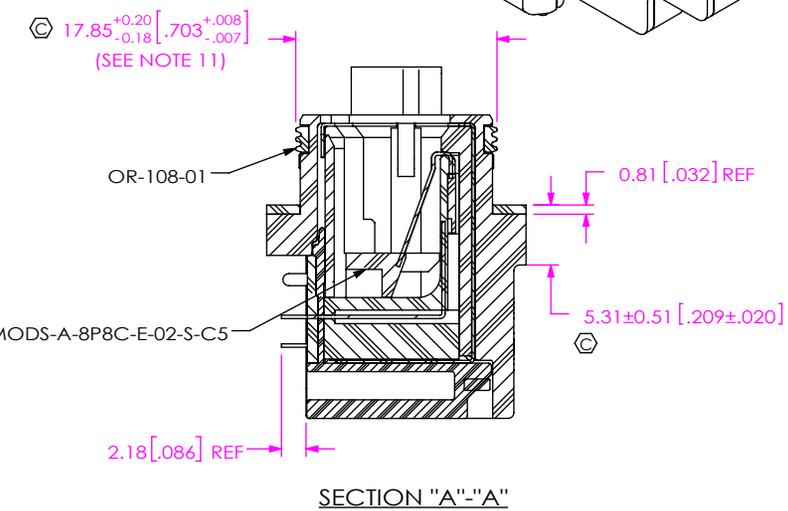
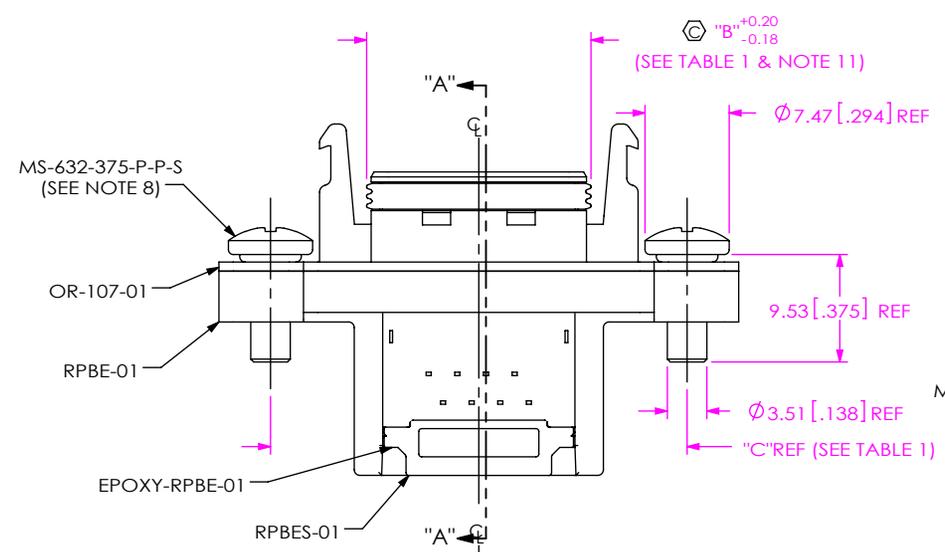
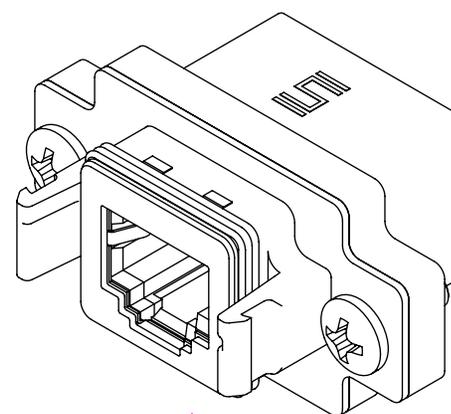
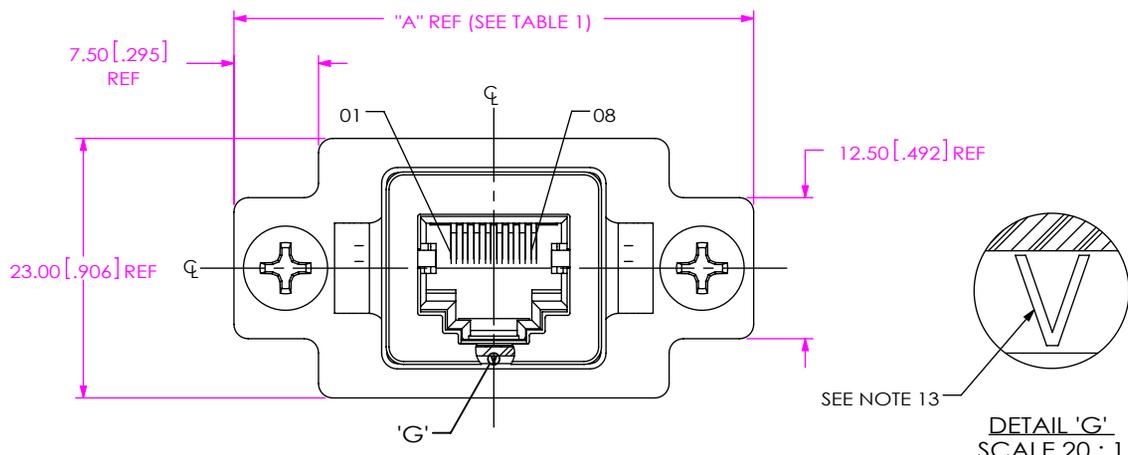
DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

RPBE-XX-XX-X

No. OF PORTS
-01, -02

PLATING SPECIFICATION
-E: SELECTIVE, 0.00127 MIN GOLD ON CONTACT, FLASH GOLD ON TAIL

LEAD STYLE
-01: RIGHT ANGLE



SECTION "A"-A"

NO OF PORTS	"A"	"B"	"C"
-01	46.10 [1.815]	19.90 [0.783]	36.95 [1.455]
-02	67.10 [2.642]	40.90 [1.610]	57.95 [2.281]

- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
 - BURR ALLOWANCE: 0.038[.0015] MAX.
 - MINIMUM PUSHOUT FORCE: 4.4N[1.00 LB].
 - MAXIMUM ALLOWABLE BOW: 0.05[.002] MM/MM AFTER ASSEMBLY.
 - PANEL THICKNESS: 0.76[.030] - 3.96[.156], RECOMMENDED PANEL CUT OUT ON SHEET 3.
 - SEE EPOXY-RPBE-XX FOR CURING INSTRUCTIONS.
 - PARTS TO BE OVEN CURED AT 200°C FOR 10 MINUTES.
 - SEALING O-RING IS INCLUDED WITH MS-632-375-P-P-S.
 - ALL PARTS MUST BE PACKAGED IN TUBES.
 - REQUIRED TORQUE ON MS-632-375-P-P-S FOR RPBE-01-01-E: 0.32Nm±0.07[45IN-OZ±10] FOR RPBE-02-01-E: 0.16Nm±0.04[65IN-OZ±5]
 - MEASURE O-RING IN THE CENTER OF THE PART.
 - EPOXY TO SEAL/WICK AROUND ALL WALLS/CONTACT TAILS.
 - OR-108-XX POSITION INDICATOR.

FIG 1
RPBE-01-01-E SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS	ANGLES
X.X: ±0.3 [.01]	2°
X.XX: ±0.13 [.005]	
X.XXX: ±0.051 [.0020]	

MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP, COLOR: BLACK

CONTACT: PHOS BRONZE

SEAL: NBR

SHIELD: COPPER ALLOY

SCREW: STAINLESS STEEL

NUT: STAINLESS STEEL

O-RING: SILICONE

EPOXY: DIELECTRIC SILICON

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SHEET SCALE: 3:2

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
SEAL RECTANGULAR ETHERNET

DWG. NO.
RPBE-XX-XX-X

BY: T NEWTON 11/17/2009 SHEET 1 OF 4

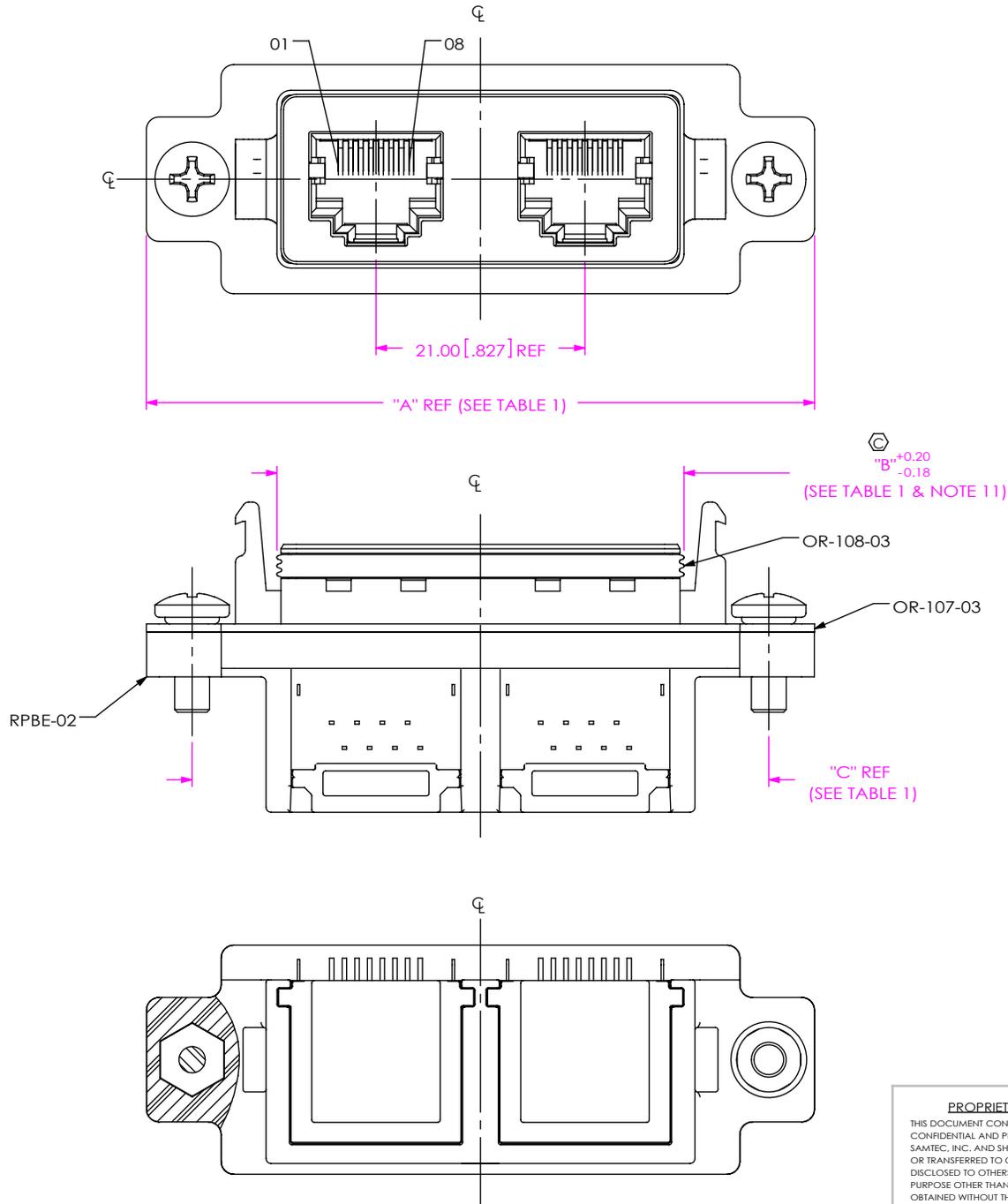


FIG 2
 RPBE-02-01-E SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)

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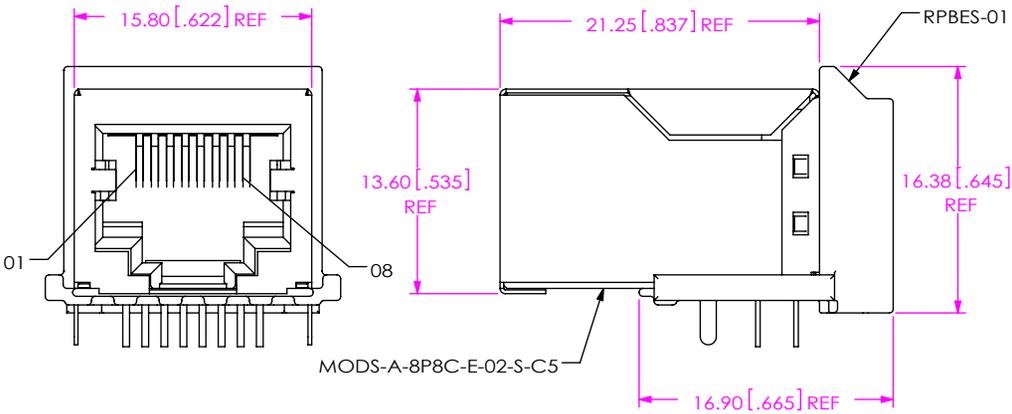
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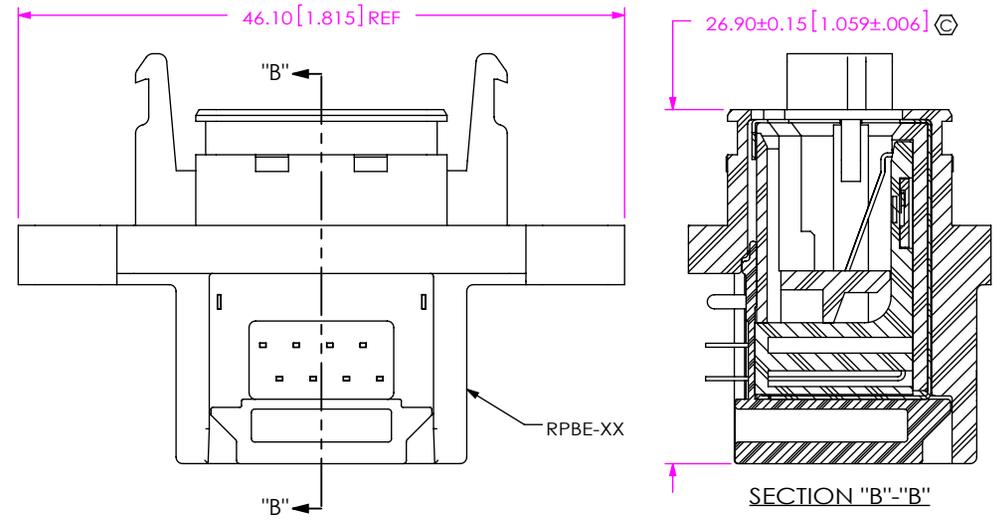
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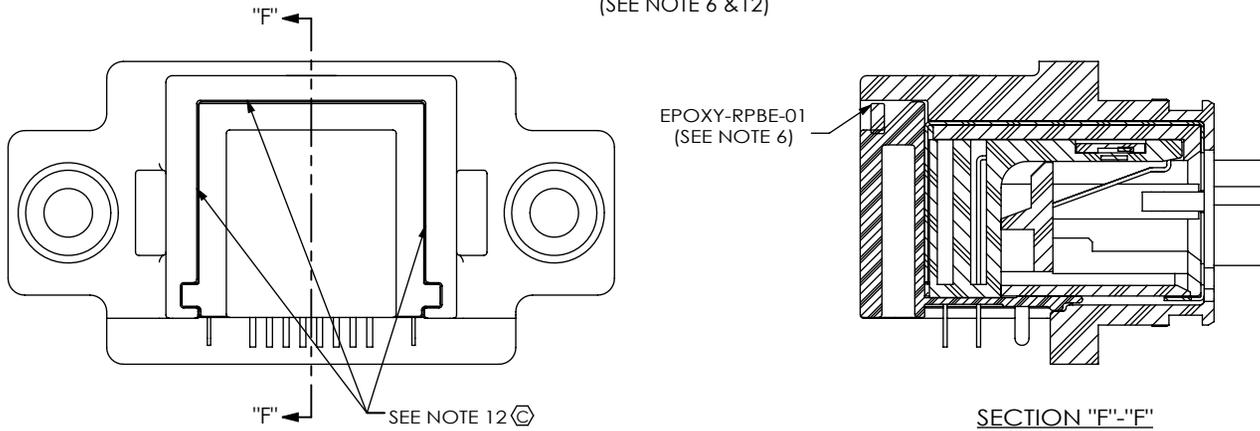
IN-PROCESS 1
FILL RPBE-01



IN-PROCESS 2
ADD RPBE-XX



IN-PROCESS 3
ADD & CURE EPOXY-RPBE-01
(SEE NOTE 6 & 12)



RECOMMENDED PANEL CUT OUT
(SEE NOTE 5)

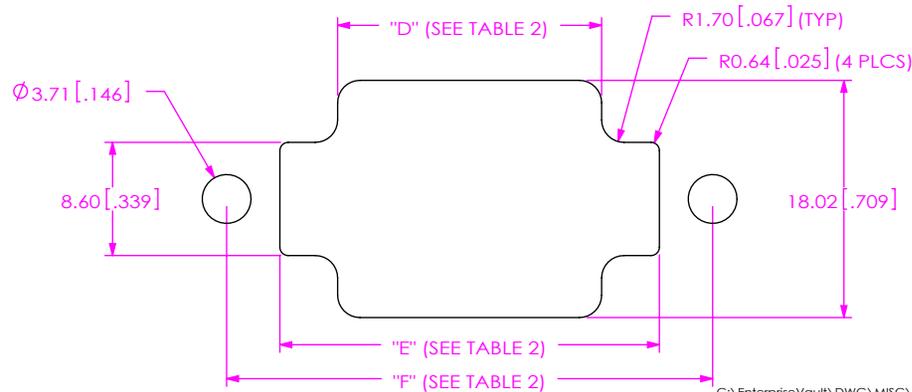


TABLE 2

NO OF PORTS	"D"	"E"	"F"
-01	20.07 [0.790]	28.85 [1.136]	36.95 [1.455]
-02	41.07 [1.617]	49.85 [1.963]	57.95 [2.281]

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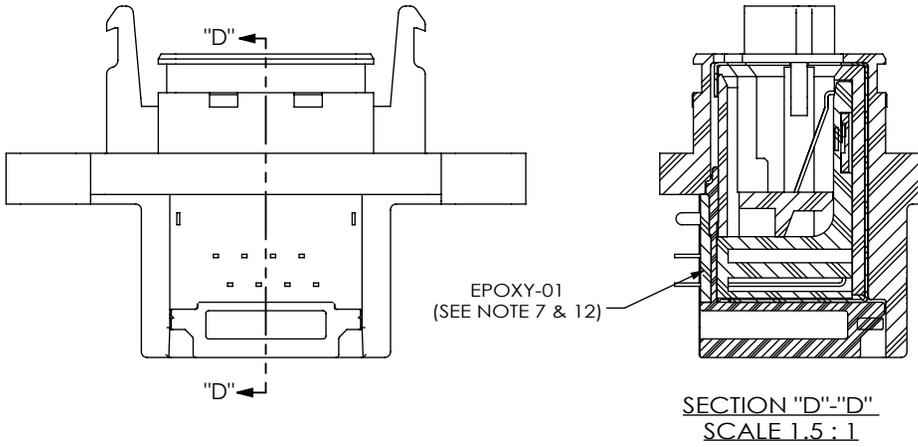
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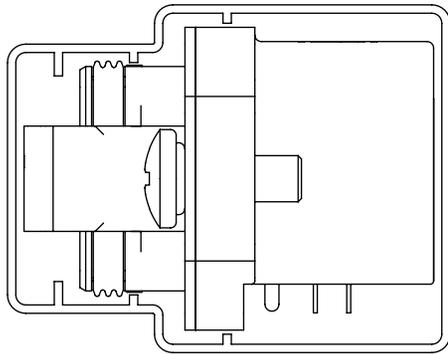
DWG. NO. RPBE-XX-XX-X

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IN-PROCESS 4
 FILL EPOXY-01
 (SEE NOTE 7 & 12)

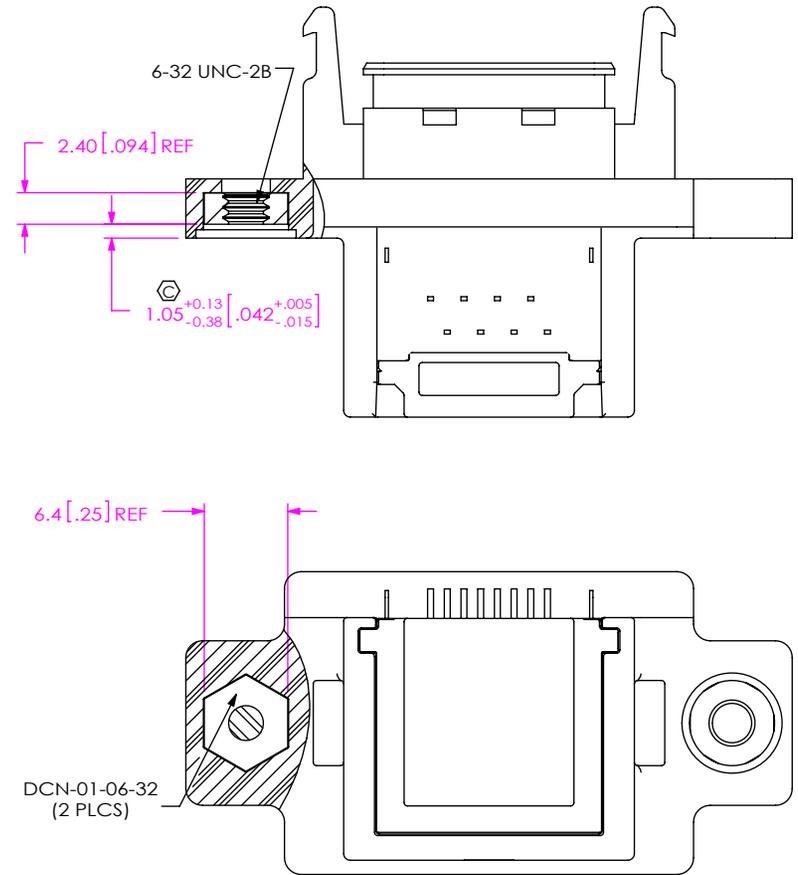


PACKAGING VIEW
 (SEE NOTE 9)



TUBE: PT-RPBE001
 PLUG: TP-50

IN-PROCESS 5
 FILL DCN-01-06-32 & HEAT STAKE



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