

D

C

B

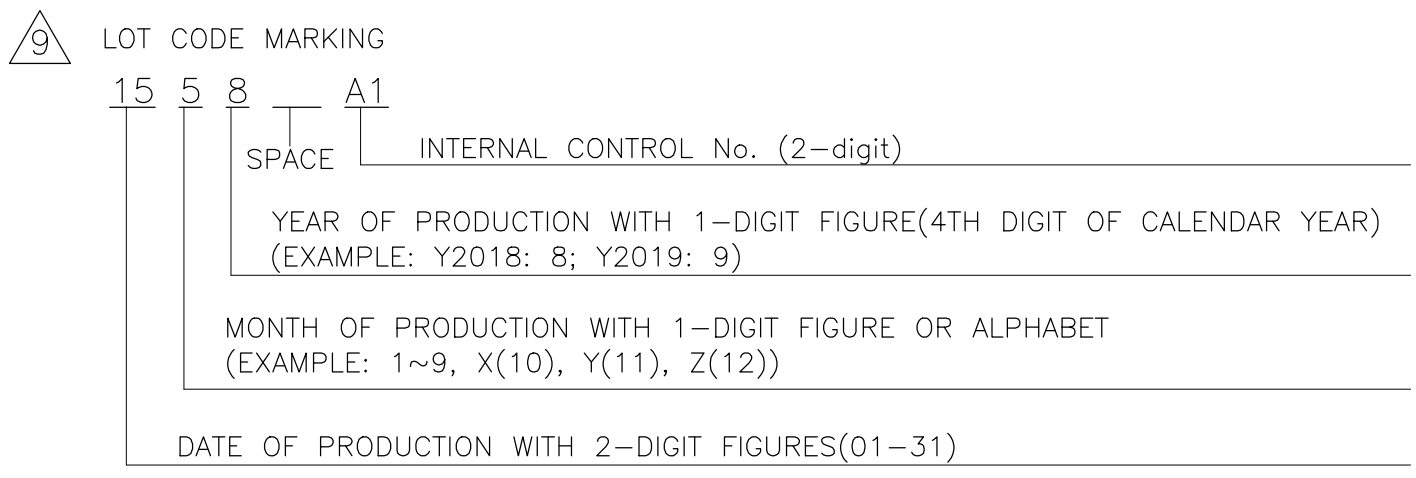
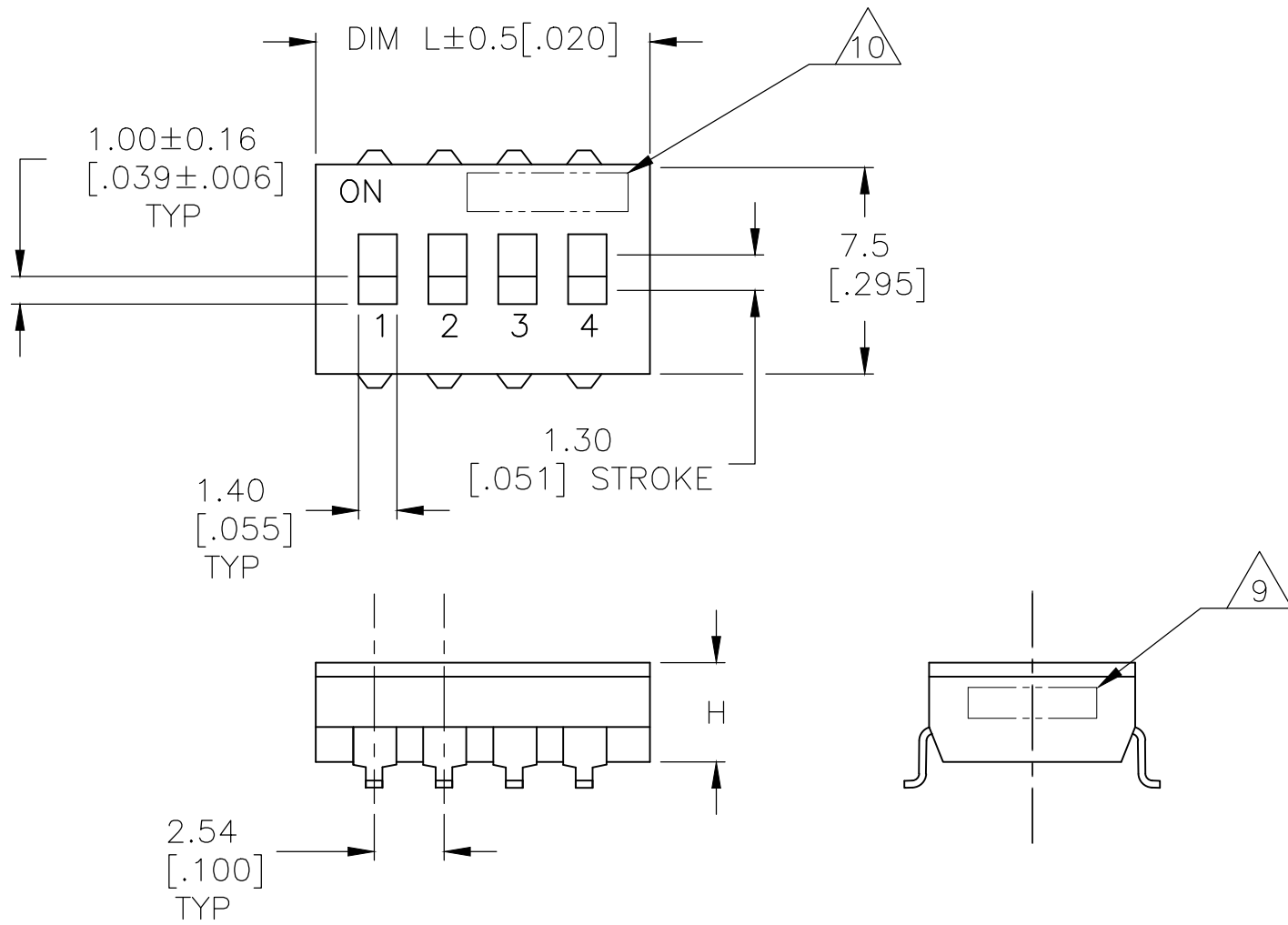
A

D

C

B

A



10 MARK ALCO PLUS FIRST 5 DIGITS PER T&B P/N.2 AND 3 POSITION SUPPLIED WITHOUT ALCO

SEE SHEET 3 FOR PART NUMBER TABLE
SEE SHEET 2 FOR MOUNTING OPTIONS

SPECIFICATIONS:

MATERIAL
BASE, PPS,UL94V-0, BLACK
COVER, PPS, UL94V-0, BLACK
ACTUATOR, PA6T, UL94V-0, WHITE
FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL
MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL
TAPE SEAL-POLYIMIDE FILM, AMBER, SEE P/N TABLE FOR OPTIONS

ELECTRICAL
MAX CONTACT RATING SWITCHING, 100MILLIAMPS @ 24 VDC
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS
INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC
DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL
LIFE EXPECTANCY, 1,000 CYCLES

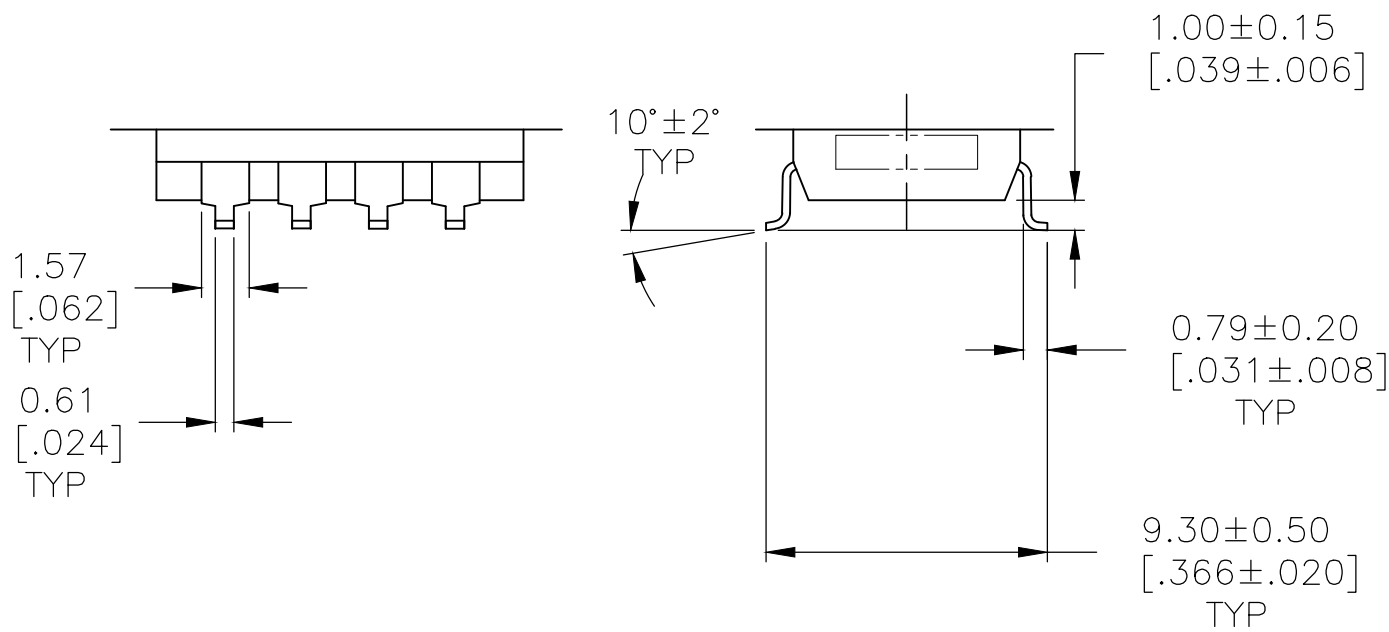
MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -45 TO +105 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201, COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053.

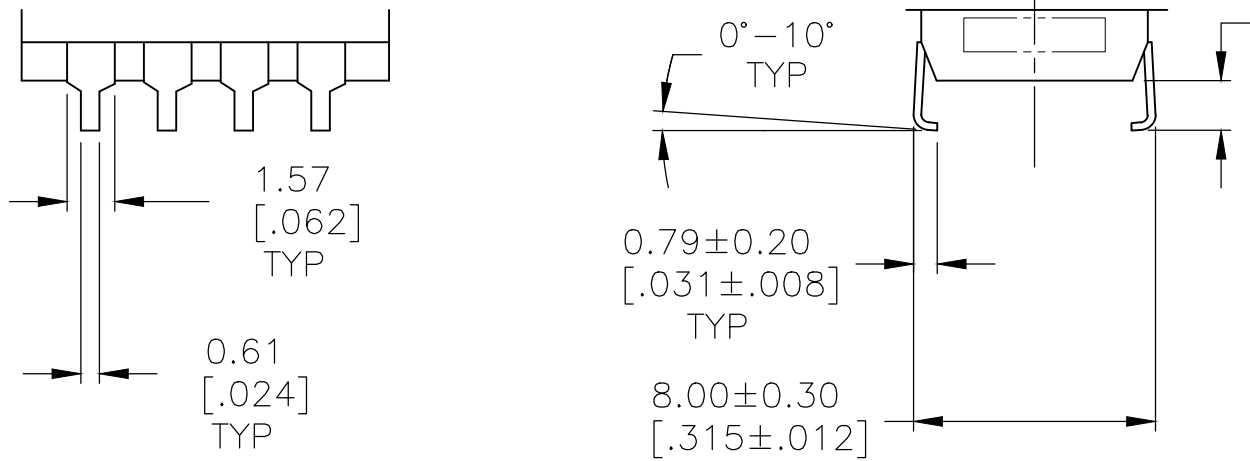
- SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION OR PACKAGED ON TAPE AND REEL
- TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
- SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- TERMINAL OPTION: OLD T&B P/N ADExxS, SA OR SB
S= OUTSIDE "L" TERMINALS; SA= INSIDE "L" TERMINALS;
SB= BUTT TERMINALS
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- TOP TAPE SEAL AVAILABLE, SEE TABLE FOR OPTIONS.
- TAPE AND REEL PACKAGING PER EIA 481.
- 8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA	11FEB05	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK M.SARVER	-		
		APVD M.SARVER	-	NAME DIP SWITCH, ADF-SMT SERIES	
		PRODUCT SPEC	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	-	SIZE A2	CAGE CODE -
0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT	-	DRAWING NO C=1825059	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 3
				REV A8	

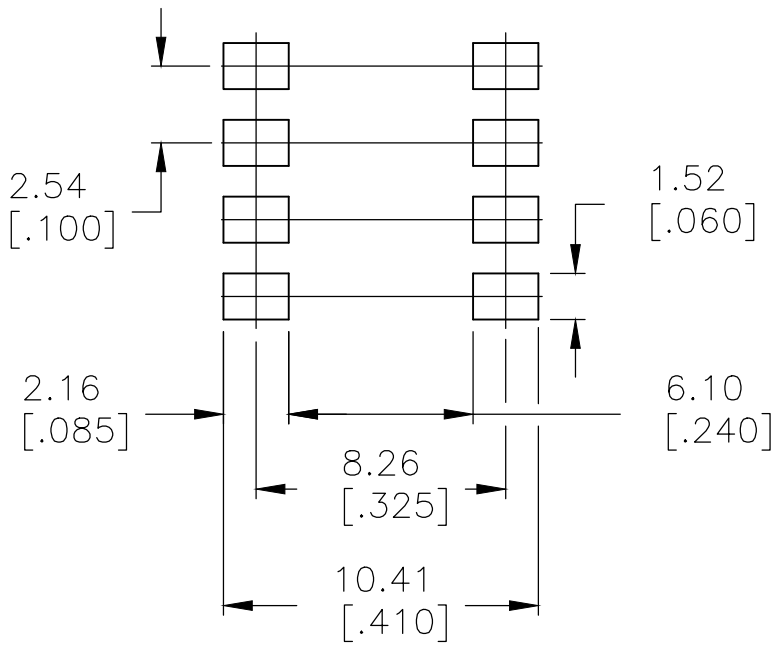
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



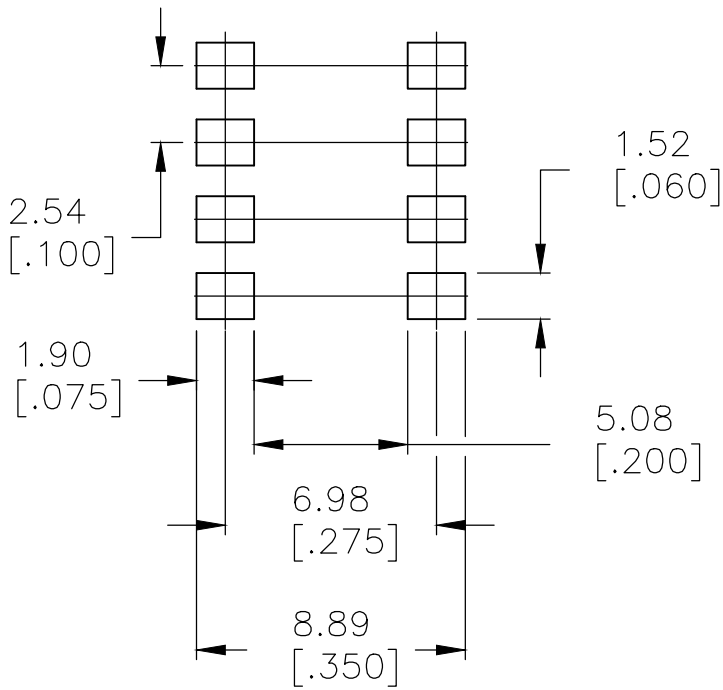
SURFACE MOUNT
S (OUTSIDE "L")



SURFACE MOUNT
SA (INSIDE "L")



RECOMMENDED PAD LAYOUT



RECOMMENDED PAD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA CHK M.SARVER APVD M.SARVER PRODUCT SPEC APPLICATION SPEC —<	
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4

3

2

1

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RELEASED FOR PUBLICATION

1825059 , 1825059

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REVISIONS

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

OBSOLETE	ADF09S04	3.50[.138]	24.54[.978]	NO	9	4-1825059-3
	ADF08STTR04	3.50[.138]	22.30[.878]	YES	8	4-1825059-2
	ADF08ST04	3.50[.138]	22.30[.878]	YES	8	4-1825059-1
	ADF08SATTR04	3.50[.138]	22.30[.878]	YES	8	4-1825059-0
OBSOLETE	ADF08SAT04	3.50[.138]	22.30[.878]	YES	8	3-1825059-9
	ADF08SA04	3.50[.138]	22.30[.878]	NO	8	3-1825059-8
	ADF08S04	3.50[.138]	22.30[.878]	NO	8	3-1825059-7
	ADF07STTR04	3.50[.138]	19.76[.778]	YES	7	3-1825059-6
	ADF07ST04	3.50[.138]	19.76[.778]	YES	7	3-1825059-5
OBSOLETE	ADF07SATTR04	3.50[.138]	19.76[.778]	YES	7	3-1825059-4
OBSOLETE	ADF07SAT04	3.50[.138]	19.76[.778]	YES	7	3-1825059-3
OBSOLETE	ADF07SA04	3.50[.138]	19.76[.778]	NO	7	3-1825059-2
	ADF07S04	3.50[.138]	19.76[.778]	NO	7	3-1825059-1
	ADF06STTR04	3.50[.138]	17.22[.678]	YES	6	3-1825059-0
	ADF06ST04	3.50[.138]	17.22[.678]	YES	6	2-1825059-9
OBSOLETE	ADF06SATTR04	3.50[.138]	17.22[.678]	YES	6	2-1825059-8
OBSOLETE	ADF06SAT04	3.50[.138]	17.22[.678]	YES	6	2-1825059-7
OBSOLETE	ADF06SA04	3.50[.138]	17.22[.678]	NO	6	2-1825059-6
	ADF06S04	3.50[.138]	17.22[.678]	NO	6	2-1825059-5
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OBSOLETE	ADF05SATTR04	3.50[.138]	14.68[.578]	YES	5	2-1825059-2
OBSOLETE	ADF05SAT04	3.50[.138]	14.68[.578]	YES	5	2-1825059-1
OBSOLETE	ADF05SA04	3.50[.138]	14.68[.578]	NO	5	2-1825059-0
	ADF05S04	3.50[.138]	14.68[.578]	NO	5	1-1825059-9
	ADF04STTR04	3.50[.138]	12.14[.478]	YES	4	1-1825059-8
	ADF04ST04	3.50[.138]	12.14[.478]	YES	4	1-1825059-7
	ADF04SATTR04	3.50[.138]	12.14[.478]	YES	4	1-1825059-6
	ADF04SAT04	3.50[.138]	12.14[.478]	YES	4	1-1825059-5
	ADF04SA04	3.50[.138]	12.14[.478]	NO	4	1-1825059-4
	ADF04S04	3.50[.138]	12.14[.478]	NO	4	1-1825059-3
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	ADF03ST04	3.50[.138]	9.60[.378]	YES	3	1-1825059-1
OBSOLETE	ADF03SATTR04	3.50[.138]	9.60[.378]	YES	3	1-1825059-0
OBSOLETE	ADF03SAT04	3.50[.138]	9.60[.378]	YES	3	1825059-9
	ADF03SA04	3.50[.138]	9.60[.378]	NO	3	1825059-8
	ADF03S04	3.50[.138]	9.60[.378]	NO	3	1825059-7
	ADF02STTR04	3.50[.138]	7.06[.278]	YES	2	1825059-6
	ADF02ST04	3.50[.138]	7.06[.278]	YES	2	1825059-5
OBSOLETE	ADF02SATTR04	3.50[.138]	7.06[.278]	YES	2	1825059-4
	ADF02SAT04	3.50[.138]	7.06[.278]	YES	2	1825059-3
OBSOLETE	ADF02SA04	3.50[.138]	7.06[.278]	NO	2	1825059-2
	ADF02S04	3.50[.138]	7.06[.278]	NO	2	1825059-1
	T&B P/N	DIM H	DIM L	SEAL	POS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.30[.012]

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL -

FINISH -

DWN B.S.VISWESWARA 11FEB05

CHK M.SARVER -

APVD M.SARVER -

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

DIP SWITCH, ADF-SMT SERIES

SIZE A2

CAGE CODE -

DRAWING NO C=1825059

RESTRICTED TO -

SCALE 4:1

SHEET 3 OF 3

REV A8

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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[1825059-6](#)