



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



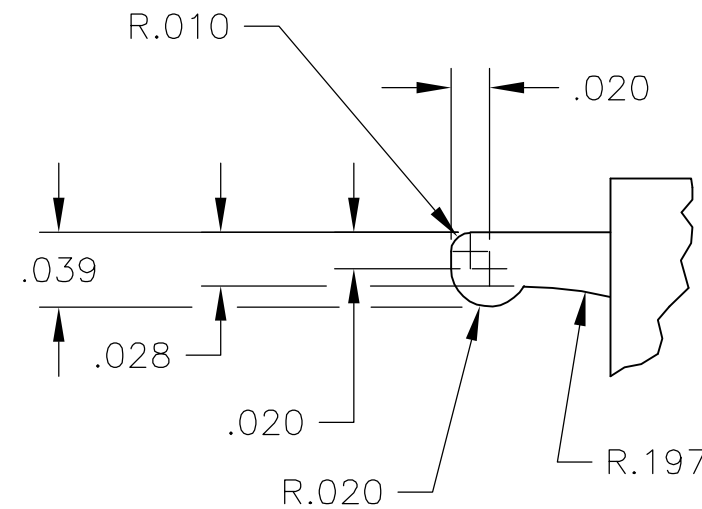
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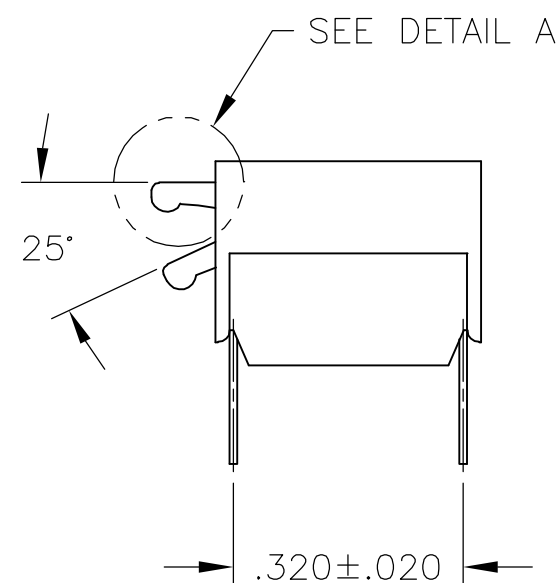
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





DETAIL A
SCALE: 10/1



MATERIAL:
CASE: POLYESTER 94V-0
 ** PPS FOR SURFACE MOUNT VERSIONS ONLY
COVER: POLYESTER 94V-0
 ** PPS FOR SURFACE MOUNT VERSIONS ONLY
ACTUATOR: POLYESTER 94V-0
 ** NYLON FOR SURFACE MOUNT VERSIONS ONLY.
MOVING CONTACT: COPPER ALLOY, GOLD FLASH OVER NICKEL.
FIXED CONTACT: COPPER ALLOY, TIN LEAD PLATE OVER COPPER.
TERMINALS: COPPER ALLOY, TIN LEAD PLATE OVER COPPER.

ELECTRICAL:
CONTACT RATING: 0.4 VA MAX. @ 20 VDC OR PEAK AC.
INITIAL CONTACT RESISTANCE: 50 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.
DIELECTRIC STRENGTH: 500 VAC.
LIFE EXPECTANCY: 1000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE: 800g MAX.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).
 STORAGE TEMPERATURE: -49°F TO +212°F (-45°C TO +100°C).

NOTES:

1. INTERPRET DRAWING PER ASMEY14.5M-1994.
2. * ODD NUMBER TERMINALS AVAILABLE ON SPECIAL REQUEST.
3. SOLDER HEAT RESISTANCE: PER EIA-364-56
FOR WAVE SOLDERING: TEST PROCEDURE 3, TEST CONDITION B
FOR I.R. SOLDERING: TEST PROCEDURE 5, LEVEL 2
(245°C FOR 15 SECONDS).
4. CONTACT PRESSURE: 280,000 PSI.
5. CLEANING: AQUEOUS SOLUTION OR SOLVENT.
6. SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND
PACKAGED IN CLEAR TUBES TO ACCOMODATE AUTO-INSERTION.
7. TOP & FRONT SURFACES TO BE CLEARLY MARKED AS SHOWN.
8. SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
9. SWITCH DOES NOT MEET MIL-STD-202, METHOD 208 FOR
SOLDERABILITY.
10. TAPE AND REEL PACKAGING PER EIA 481.
11. ADD "TR" SUFFIX FOR TAPE AND REEL PACKAGING.
12. ADD "TRON" SUFFIX FOR TAPE AND REEL PACKAGING,
SWITCH IN THE "ON" POSITION.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN		10DEC02		 Tyco Electronics Corporation Harrisburg, PA	
		CHK M SARVER		10DEC02			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER		NAME	
		0 PLC ± —		PRODUCT SPEC		DIP SWITCH ASSEMBLY ADP/PA SERIES	
		1 PLC ± —		—			
		2 PLC ± —		APPLICATION SPEC			
3 PLC ± .010		4 PLC ± —		—		SIZE	
ANGLES ± ± 1°		WEIGHT —		CAGE CODE		DRAWING NO	
MATERIAL —		FINISH —		A2		00779	
				C=2-1437587-6		RESTRICTED TO	
				CUSTOMER DRAWING		SCALE 4:1	
						SHEET 1 OF 3	
						REV F1	

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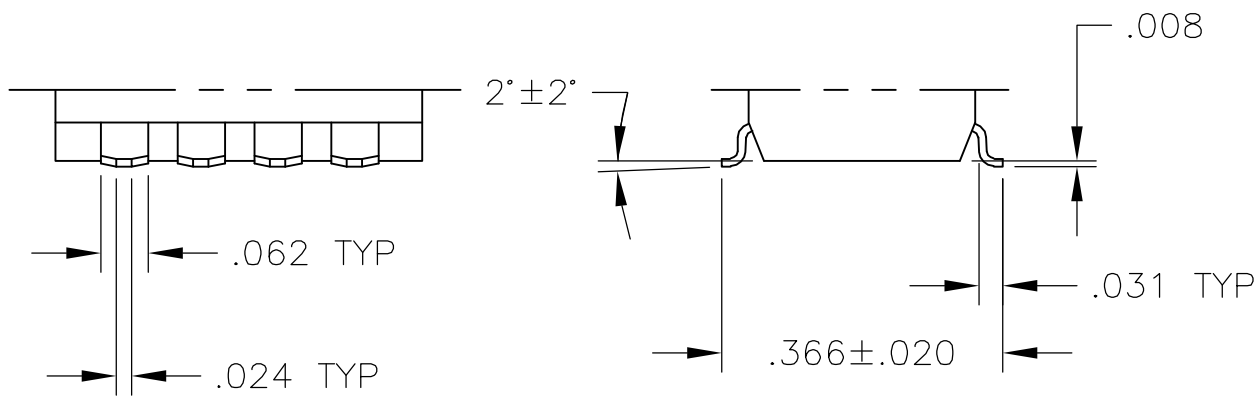
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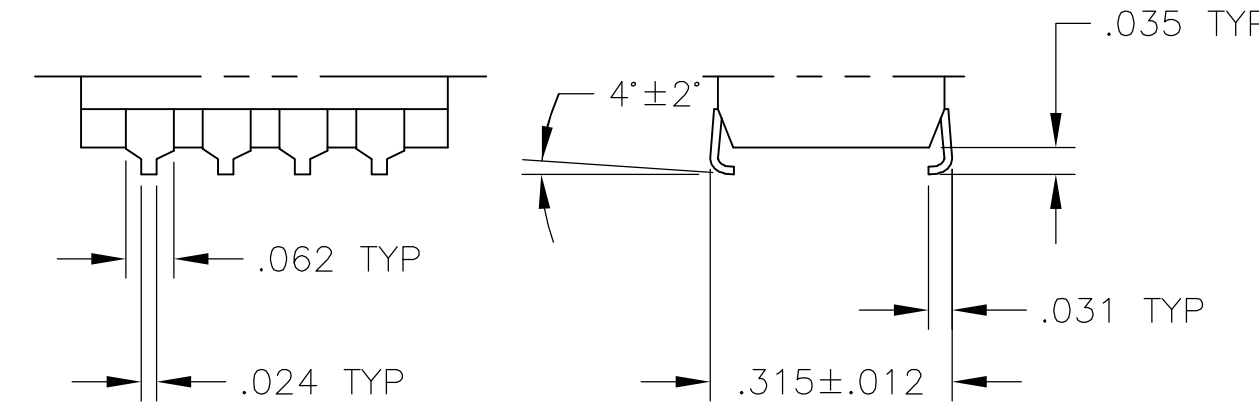
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		—	SEE SHEET 1	—	—	—

D



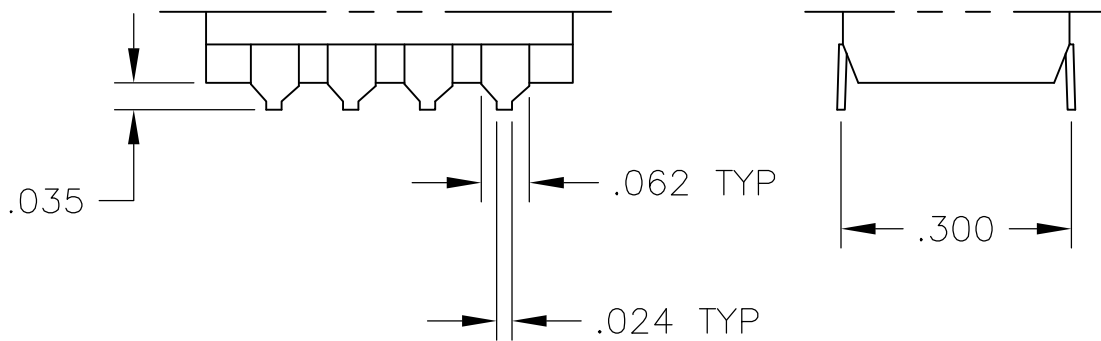
SURFACE MOUNT
"S" TERMINATION

C



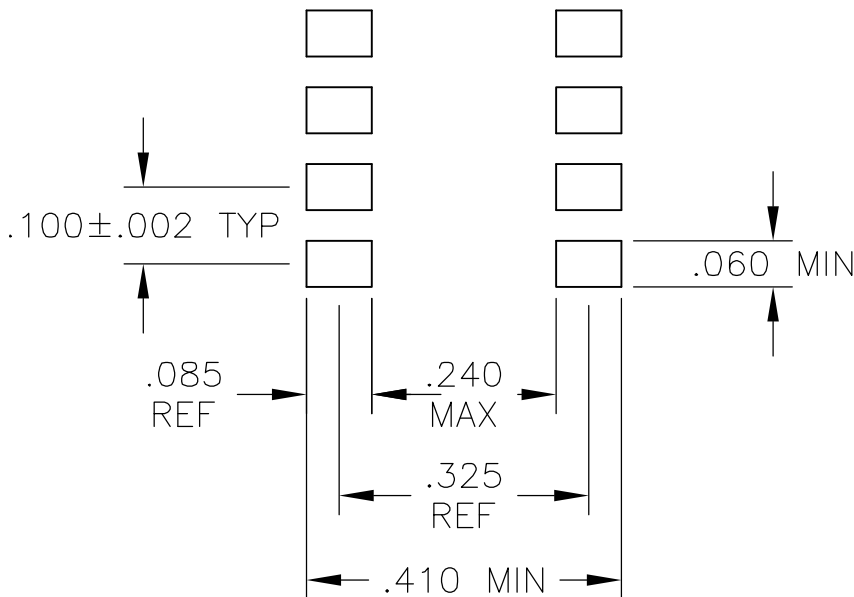
SURFACE MOUNT
"SA" TERMINATION

B

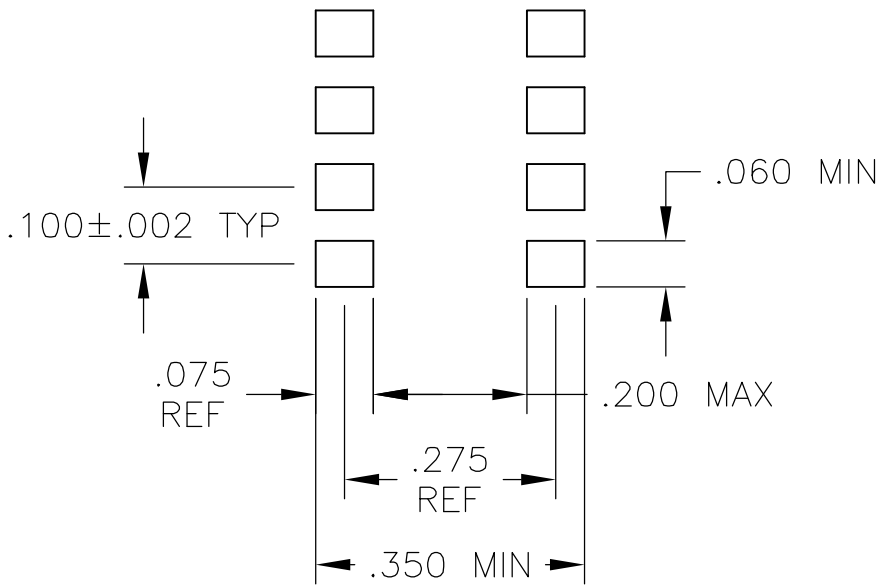


SURFACE MOUNT
"SB" TERMINATION

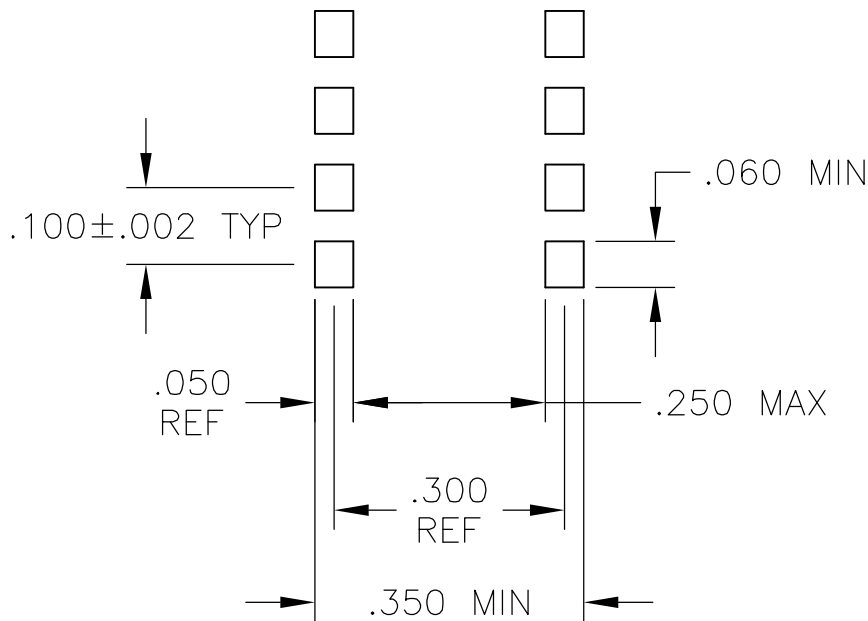
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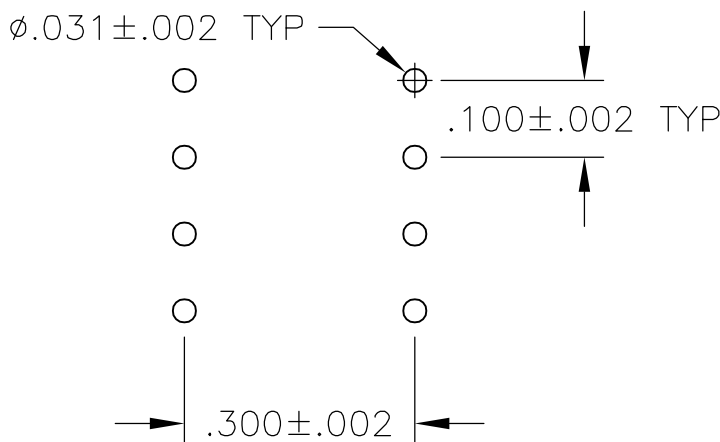
RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"S" TERMINATION



RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"SA" TERMINATION



RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"SB" TERMINATION



RECOMMENDED HOLE LAYOUT

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 10DEC02	tyco Electronics Tyco Electronics Corporation Harrisburg, PA					
DIMENSIONS: INCHES		CHK M SARVER 10DEC02						
		APVD M SARVER 10DEC02	NAME DIP SWITCH ASSEMBLY ADP/PA SERIES					
		PRODUCT SPEC						
MATERIAL -		FINISH -	APPLICATION SPEC -		SIZE A2	CAGE CODE 00779	DRAWING NO C=2-1437587-6	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1		SHEET 2	OF 3	REV F1	

4

3

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LOC

DIST

AD00

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

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COMMENTS	PACKAGING	Dim "L"	Poles	ALCO P/N	TYCO P/N
	TUBE	0.278	2	ADP02	1-1437587-1
	TUBE	0.278	2	ADPA02	4-1437587-7
	TUBE	0.278	2	ADP02S	1-1437587-2
	TUBE	0.278	2	ADPA02S	147713-1
	TUBE	0.278	2	ADP02SA	1-1437587-3
	TUBE	0.278	2	ADPA02SA	
	TAPE & REEL	0.278	2	ADP02STR	1571546-2
NOTE 12	TAPE & REEL	0.278	2	ADP02STRON	1-1437587-4
	TUBE	0.478	4	ADP04	1-1437587-5
	TUBE	0.478	4	ADPA04	4-1437587-8
	TUBE	0.478	4	ADP04S	1-1437587-7
	TUBE	0.478	4	ADPA04S	5-1437587-0
	TUBE	0.478	4	ADP04SA	1-1437587-8
	TUBE	0.478	4	ADPA04SA	5-1437587-1
	TAPE & REEL	0.478	4	ADP04STR	1571546-3
NOTE 12	TAPE & REEL	0.478	4	ADP04STRON	1-1437587-9
	TUBE	0.578	5	ADP05	2-1437587-0
	TUBE	0.578	5	ADPA05	5-1437587-2
	TUBE	0.578	5	ADP05S	2-1437587-1
	TUBE	0.578	5	ADPA05S	5-1437587-3
	TUBE	0.578	5	ADP05SA	
	TUBE	0.578	5	ADPA05SA	
	TAPE & REEL	0.578	5	ADP05STR	1571546-4
NOTE 12	TAPE & REEL	0.578	5	ADP05STRON	
	TUBE	0.678	6	ADP06	2-1437587-2
	TUBE	0.678	6	ADPA06	5-1437587-4
	TUBE	0.678	6	ADP06S	2-1437587-3
	TUBE	0.678	6	ADPA06S	5-1437587-5
	TUBE	0.678	6	ADP06SA	2-1437587-4
	TUBE	0.678	6	ADPA06SA	5-1437587-6
	TAPE & REEL	0.678	6	ADP06STR	1571546-1
NOTE 12	TAPE & REEL	0.678	6	ADP06STRON	
	TUBE	0.778	7	ADP07	2-1437587-5
	TUBE	0.778	7	ADPA07	5-1437587-7
	TUBE	0.778	7	ADP07S	
	TUBE	0.778	7	ADPA07S	
	TUBE	0.778	7	ADP07SA	
	TUBE	0.778	7	ADPA07SA	
	TAPE & REEL	0.778	7	ADP07STR	
NOTE 12	TAPE & REEL	0.778	7	ADP07STRON	
	TUBE	0.878	8	ADP08	2-1437587-6
	TUBE	0.878	8	ADPA08	5-1437587-8
	TUBE	0.878	8	ADP08S	2-1437587-8
	TUBE	0.878	8	ADPA08S	6-1437587-0
	TUBE	0.878	8	ADP08SA	2-1437587-9
	TUBE	0.878	8	ADPA08SA	
	TAPE & REEL	0.878	8	ADP08STR	1571380-1
NOTE 12	TAPE & REEL	0.878	8	ADP08STRON	
	TUBE	0.978	9	ADP09	3-1437587-0
	TUBE	0.978	9	ADPA09	
	TUBE	0.978	9	ADP09S	
	TUBE	0.978	9	ADPA09S	
	TUBE	0.978	9	ADP09SA	3-1437587-1
	TUBE	0.978	9	ADPA09SA	
	TAPE & REEL	0.978	9	ADP09STR	3-1437587-2
NOTE 12	TAPE & REEL	0.978	9	ADP09STRON	
	TUBE	1.078	10	ADP010	3-1437587-3
	TUBE	1.078	10	ADPA010	6-1437587-1
	TUBE	1.078	10	ADP010S	3-1437587-6
	TUBE	1.078	10	ADPA010S	
	TUBE	1.078	10	ADP010SA	
	TUBE	1.078	10	ADPA010SA	
	TAPE & REEL	1.078	10	ADP010STR	1571350-1
NOTE 12	TAPE & REEL	1.078	10	ADP010STRON	

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DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .010
4 PLC ± -
ANGLES ± 1°
FINISH -

MATERIAL

-

DWN
R BROWN
10DEC02

CHK
M SARVER
10DEC02

APVD
M SARVER
10DEC02

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2-1437587-6

RESTRICTED TO

SCALE
4:1

SHEET
3 OF 3

REV
F1

Tyco Electronics Corporation
Harrisburg, PA

DIP SWITCH ASSEMBLY
ADP/PA SERIES

D

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