

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	U	REVISED PER ECR-26-266933	09DEC2025	GSK	AS

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

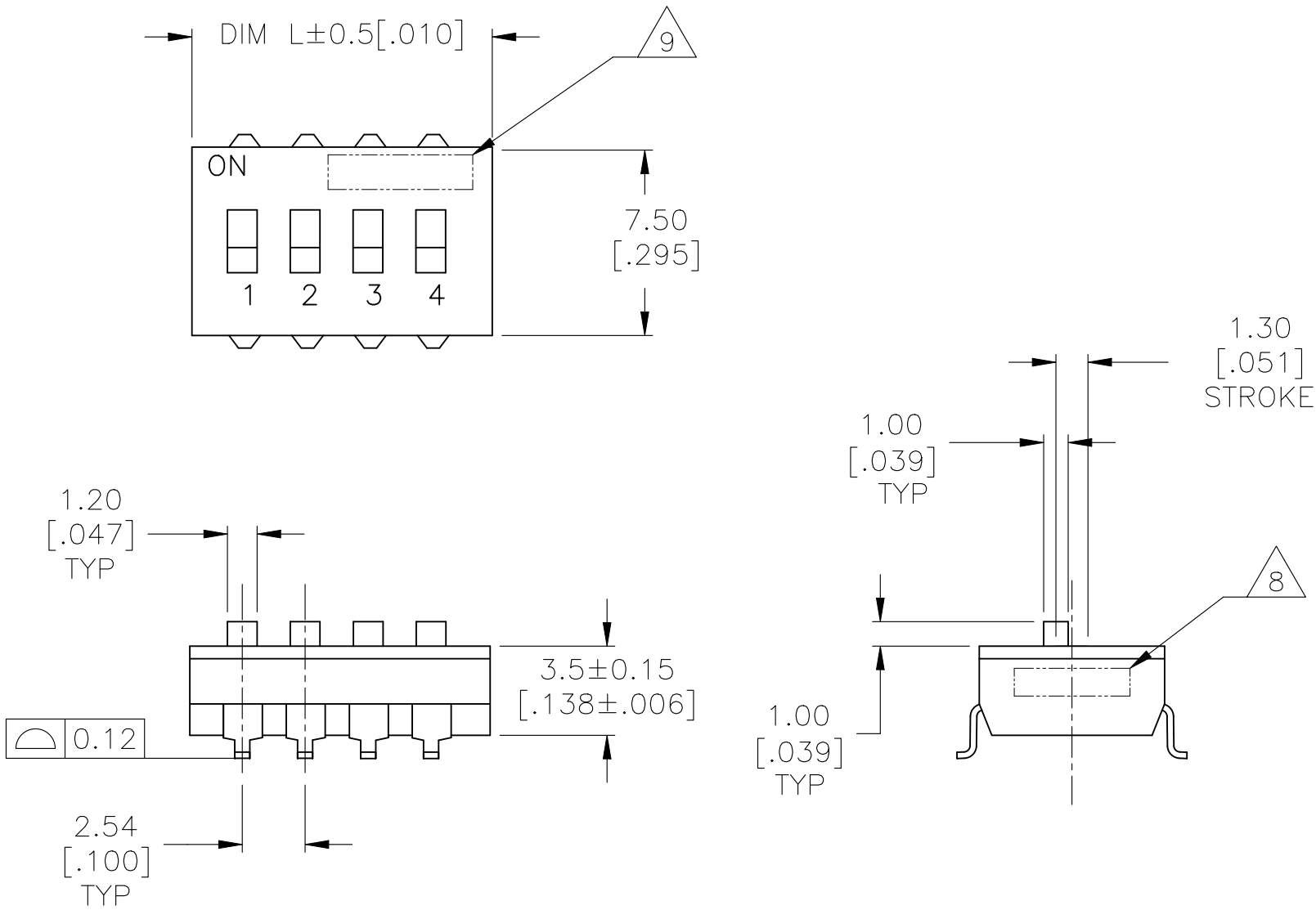
ELECTRICAL
MAX CONTACT RATING SWITCHING, -100mA @5VDC (Ampere max)
- 25mA@24VDC (Voltage max).
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS
INSULATION RESISTANCE, 100MΩ MIN@ 100VDC BETWEEN THE SAME POLES
DIELECTRIC STRENGTH, 300V AC FOR 1 MINUTE.
ELECTRICAL LIFE, 1,000 CYCLES (10mA@5VDC)
WITHSTAND VOLTAGE, 300VAC FOR 1 MIN BETWEEN THE SAME POLES

MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 2.9N MIN.

ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -40 to 85 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201,COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053

- 1 SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION.
- 2 TOP SURFACE TO BE CLEARLY MARKED AS SHOWN.
- 3 SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- 4 TERMINAL OPTION: OLD T&B P/N ADExxS, SA OR SB
S= OUTSIDE "L" TERMINALS; SA= INSIDE "L" TERMINALS;
SB= BUTT TERMINALS.
- 5 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.
- 7 TAPE AND REEL PACKING PER PAGE 3 SPECIFICATIONS.



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

15 5 8 A1
SPACE INTERNAL CONTROL No. (2-digit)

YEAR OF PRODUCTION WITH 1-DIGIT FIGURE(4TH DIGIT OF CALENDAR YEAR)
(EXAMPLE: Y2018: 8; Y2019: 9)

MONTH OF PRODUCTION WITH 1-DIGIT FIGURE OR ALPHABET
(EXAMPLE: 1~9, X(10), Y(11), Z(12))

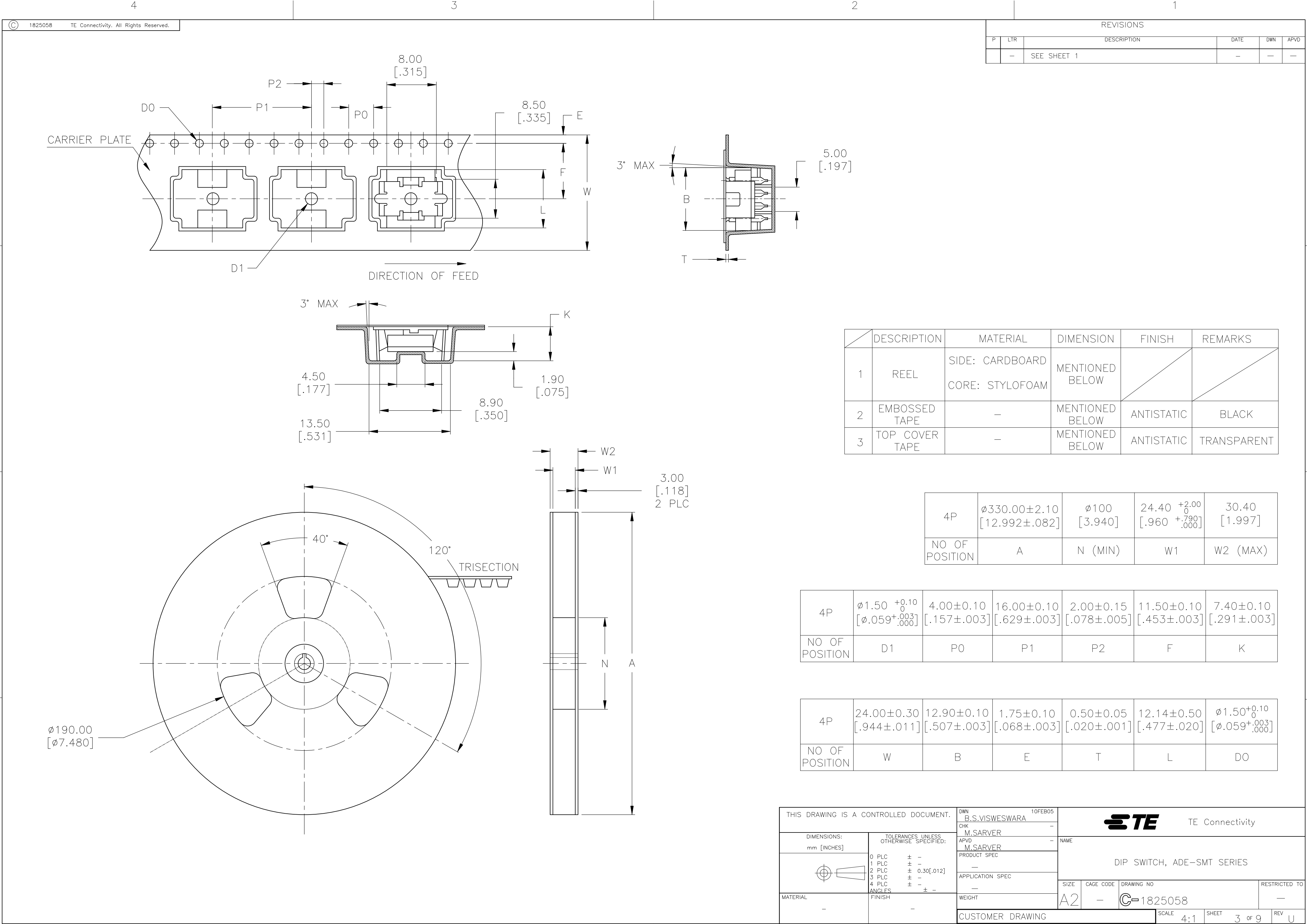
DATE OF PRODUCTION WITH 2-DIGIT FIGURES(01-31)

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

SEE SHEET 2 FOR PART NUMBER TABLE
AND MOUNTING OPTIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA 10FEB05	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M.SARVER				
		APVD M.SARVER	NAME			
		PRODUCT SPEC	DIP SWITCH, ADE-SMT SERIES			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC				
0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT	SIZE A2	CAGE CODE -	DRAWING NO C=1825058	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 of 9	REV U	

1825058



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

	DESCRIPTION	MATERIAL	DIMENSION	FINISH	REMARKS
1	REEL	SIDE: CARDBOARD CORE: STYLOFOAM	MENTIONED BELOW		
2	EMBOSSSED TAPE	—	MENTIONED BELOW	ANTISTATIC	BLACK
3	TOP COVER TAPE	—	MENTIONED BELOW	ANTISTATIC	TRANSPARENT

4P	$\phi 330.00 \pm 2.10$ [12.992±.082]	$\phi 100$ [3.940]	$24.40^{+2.00}_0$ [.960 ^{+.790}] [.000]	30.40 [1.997]
NO OF POSITION	A	N (MIN)	W1	W2 (MAX)

4P	$\phi 1.50^{+0.10}_0$ [.059 ^{+.003}] [.000]	4.00 ± 0.10 [.157±.003]	16.00 ± 0.10 [.629±.003]	2.00 ± 0.15 [.078±.005]	11.50 ± 0.10 [.453±.003]	7.40 ± 0.10 [.291±.003]
NO OF POSITION	D1	P0	P1	P2	F	K

4P	24.00 ± 0.30 [.944±.011]	12.90 ± 0.10 [.507±.003]	1.75 ± 0.10 [.068±.003]	0.50 ± 0.05 [.020±.001]	12.14 ± 0.50 [.477±.020]	$\phi 1.50^{+0.10}_0$ [.059 ^{+.003}] [.000]
NO OF POSITION	W	B	E	T	L	DO

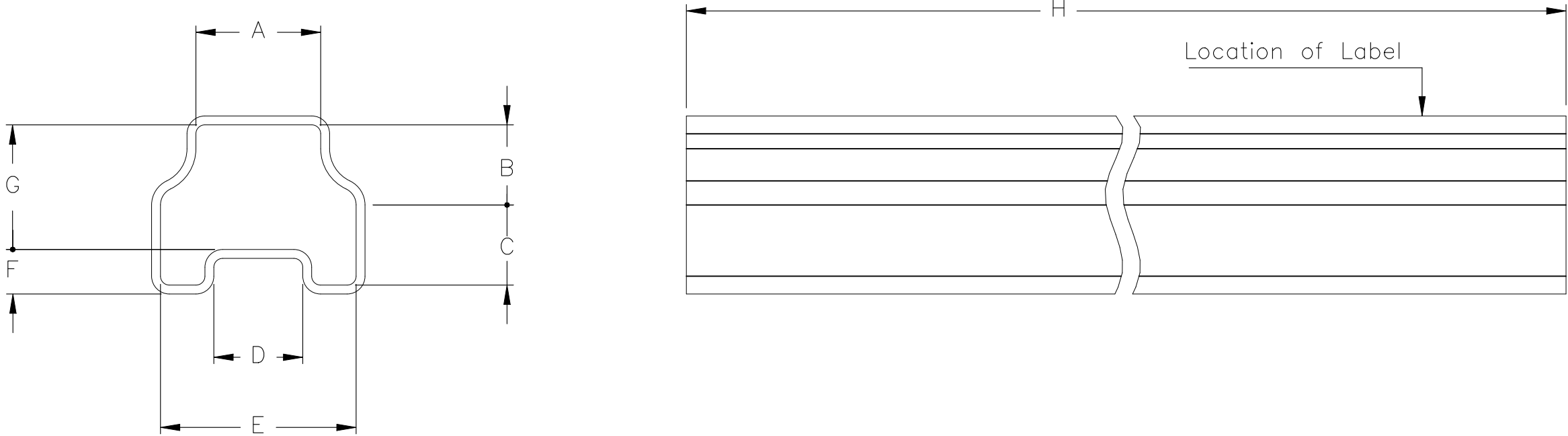
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MATERIAL —		FINISH —	WEIGHT	SCALE 4:1	SHEET 3 of 9	REV U
CUSTOMER DRAWING						

1. THIS SPEC IS APPLIED TO AD SERIES SURFACE MOUNT TYPE (Piano type is excluded).
2. PACKAGING DETAILS:

INNER PACKING DETAILS—TUBE

Description	Material	DIMENSIONS									
		A	B	C	D	E	F	G	H	Finish	Remarks
Tube	PS	8.5 [0.335]	4.5 [0.177]	3 [0.118]	5 [0.197]	12 [0.472]	2.5 [0.098]	5.5 [0.217]	500 [19.685]	NA	Transparent

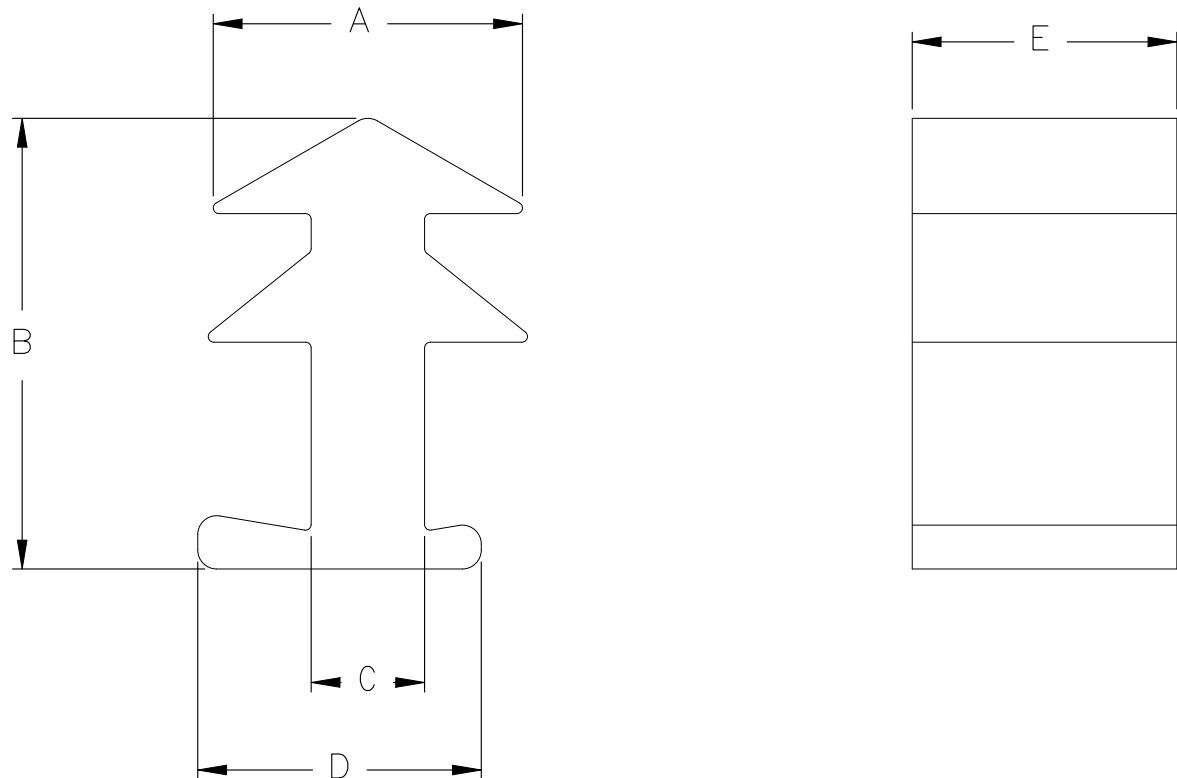
1 TUBE



INNER PACKING DETAILS—Cap

Description	Material	DIMENSIONS						
		A	B	C	D	E	finish	Remarks
Cap	Elastomer	9 [0.354]	12 [0.472]	3 [0.118]	7.5 [0.295]	7 [0.276]	NA	white

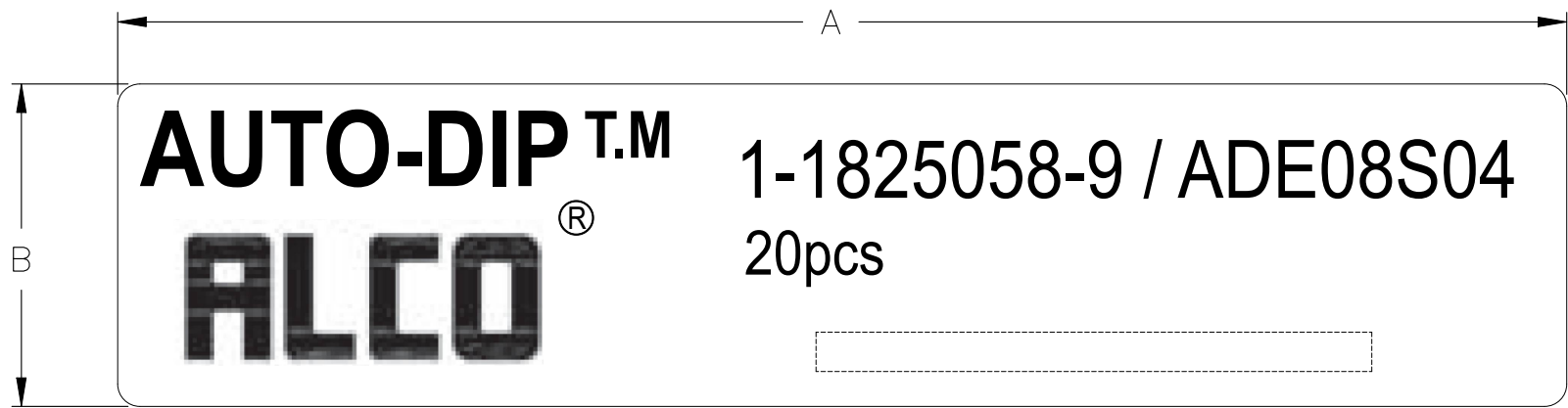
2 CAP



3 LABEL

INNER PACKING DETAILS—Label

Description	Material	DIMENSIONS			
		A	B	Finish	Remarks
Label	Art Paper	61 [2.402]	8 [0.315]	NA	Black letter on white base



Country of Manufacture

MADE IN CHINA

MADE IN MALAYSIA

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	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC — APPLICATION SPEC —				
MATERIAL —		FINISH —	WEIGHT	SIZE A2	CAGE CODE —	DRAWING NO C=1825058
CUSTOMER DRAWING			SCALE NTS	SHEET 4 of 9	REV U	RESTRICTED TO —

PACKAGE SPECIFICATIONS

OUTER PACKING

REVISIONS

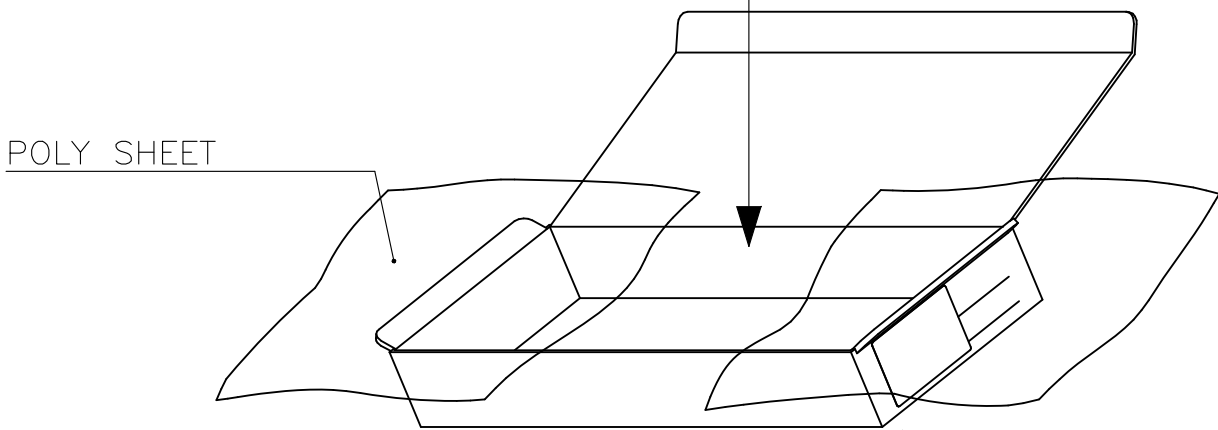
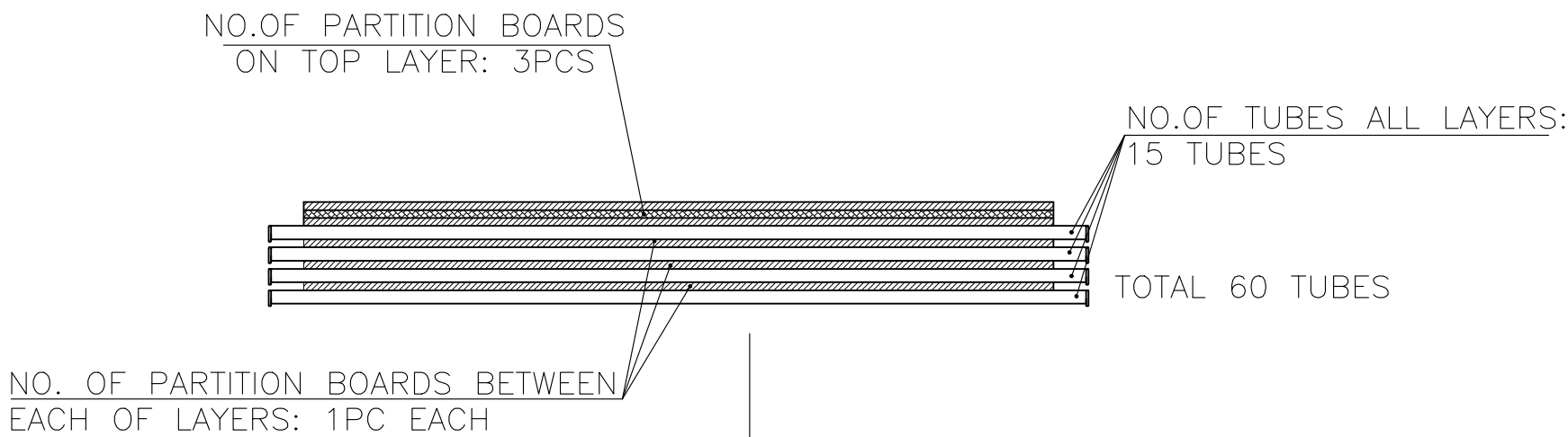
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

	DESCRIPTION	MATERIAL	DIMENSIONS
1	Cardboard box	Cardboard	200X510X70
2	Partition	Cardboard	190X460
3	POLY SHEET	PET	300X300

Part No.	No. of Pos.	Qty per tube	Qty per inner carton
ADE□□S04	2	60 pcs	3600 pcs (60 tube)
ADF□□S04	3	45 pcs	2700 pcs (60 tube)
ADF□□ST04	4	35 pcs	2100 pcs (60 tube)
ADF□□SA04	5	30 pcs	1800 pcs (60 tube)
ADF□□SB04	6	25 pcs	1500 pcs (60 tube)
ADF□□SB04	7	20 pcs	1200 pcs (60 tube)
ADF□□SA04	8	20 pcs	1200 pcs (60 tube)
ADF□□SAT04	9	15 pcs	900 pcs (60 tube)
*□□shows no. of position	10	15 pcs	900 pcs (60 tube)
	12	14 pcs	840 pcs (60 tube)

	PACKING MATERIAL	MATERIAL	DIMENSIONS
1	CARDBOARD BOX	CARDBOARD	221X529X365
2	PARTITION	CARDBOARD	190X460

Quantity	5 Box	Outer dimension
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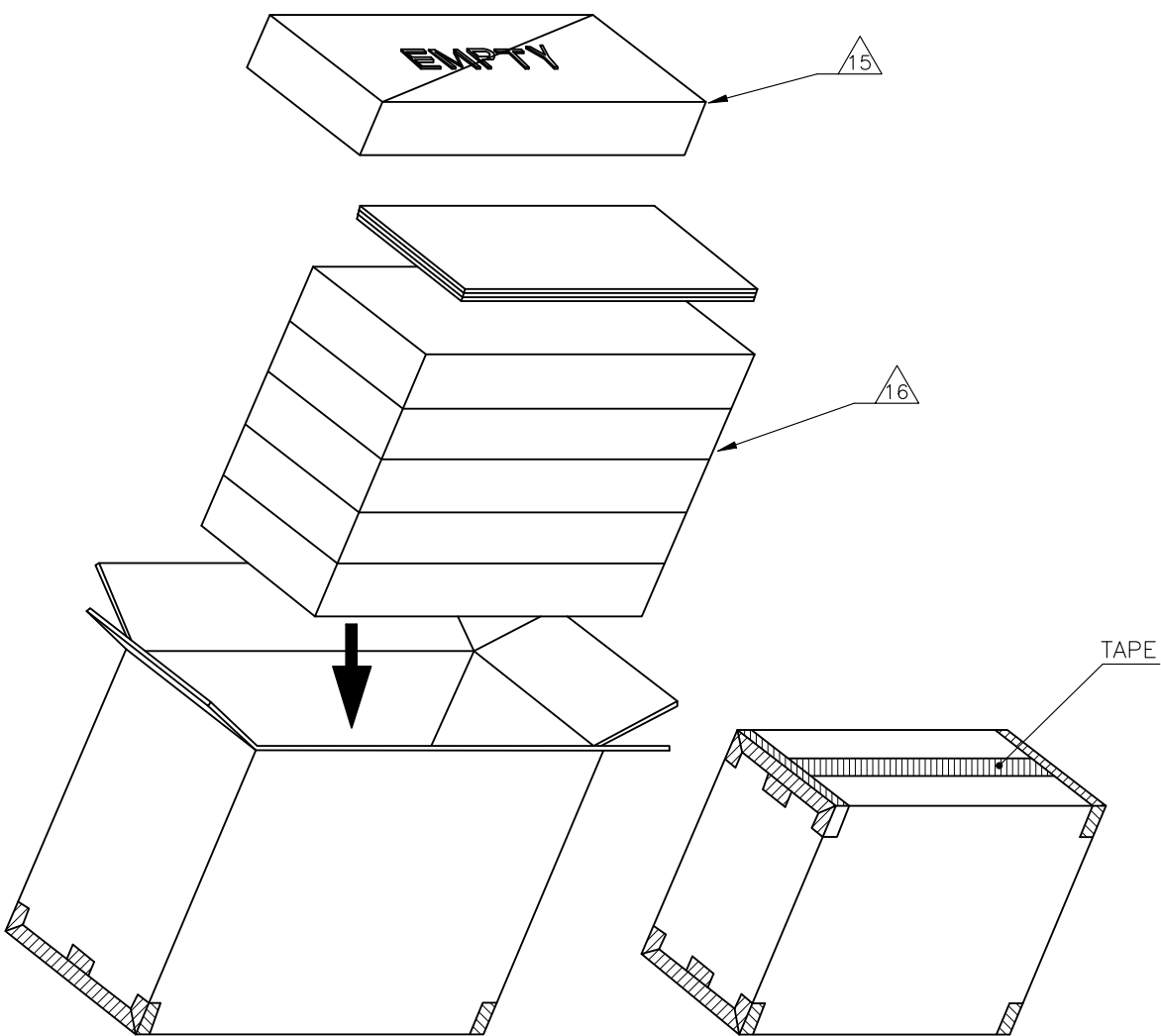


INDICATION OF LABEL (EXAMPLE)

TE P/N	1-1825058-9
MODEL	ADE08S04
QUANTITY	1200 PCS
LOT No.	1059
MFG DATE	2019.5.10
CTN NO	
MADE IN CHINA	

Country of manufacture

MADE IN CHINA
MADE IN MALAYSIA



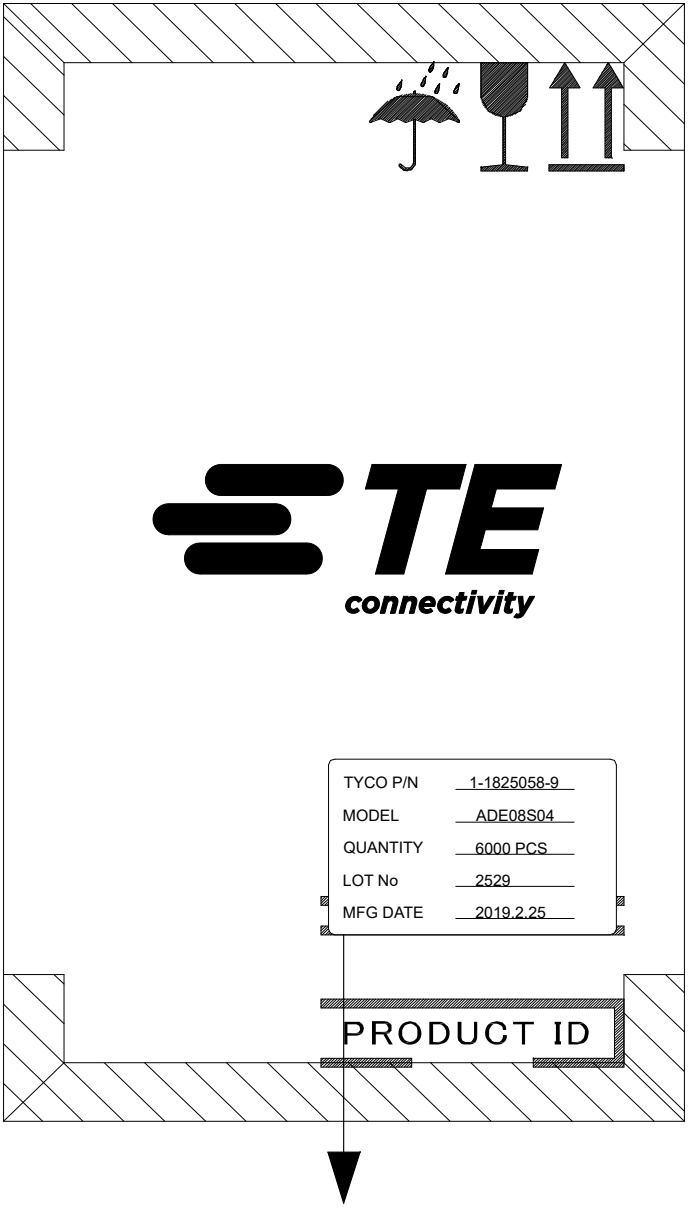
WHEN THE PACKING QUANTITY IS NOT REACHED STANDARD CONTAINED QUANTITY PER CARTON, THE SPACE SHOULD HAVE TO BE FILLED WITH PARTITION PLAT OR BUBBLE WRAP.

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		APVD M.SARVER		NAME DIP SWITCH, ADE-SMT SERIES			
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		PRODUCT SPEC —					
		APPLICATION SPEC —					
MATERIAL —		FINISH —		SIZE A2	CAGE CODE —	DRAWING NO C=1825058	RESTRICTED TO —
CUSTOMER DRAWING				SCALE NTS	SHEET 5 of 9	REV U	

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

PACKAGE SPECIFICATION

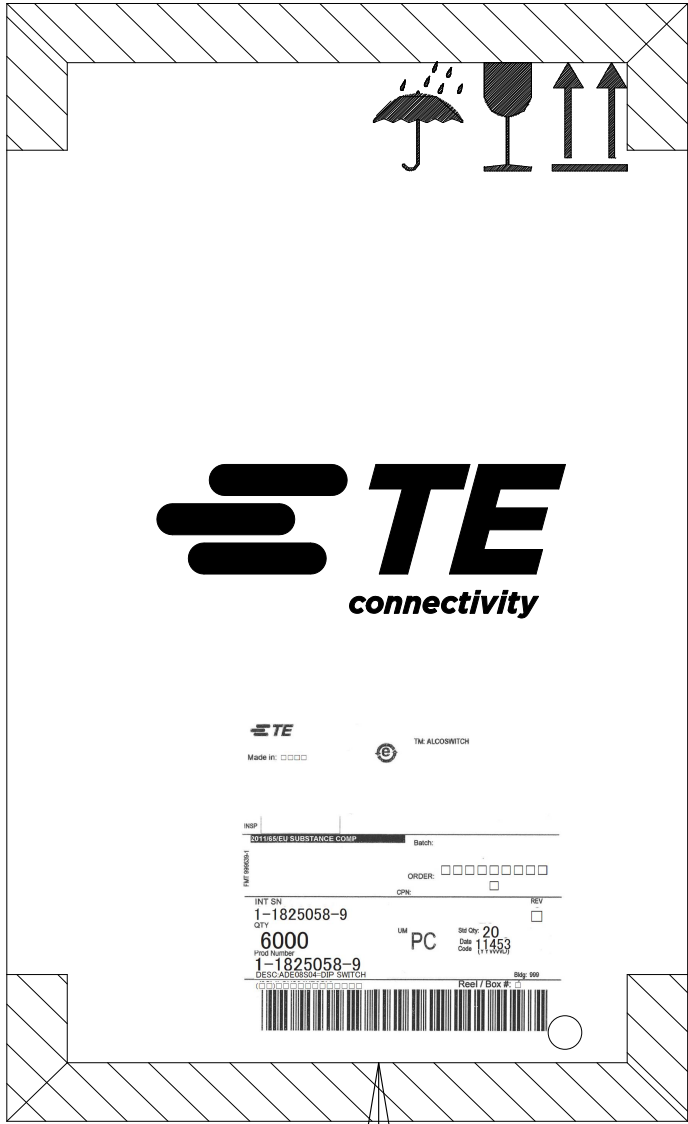
WHEN PACKING AND INVENTORY



INDICATION OF LABEL (EXAMPLE)

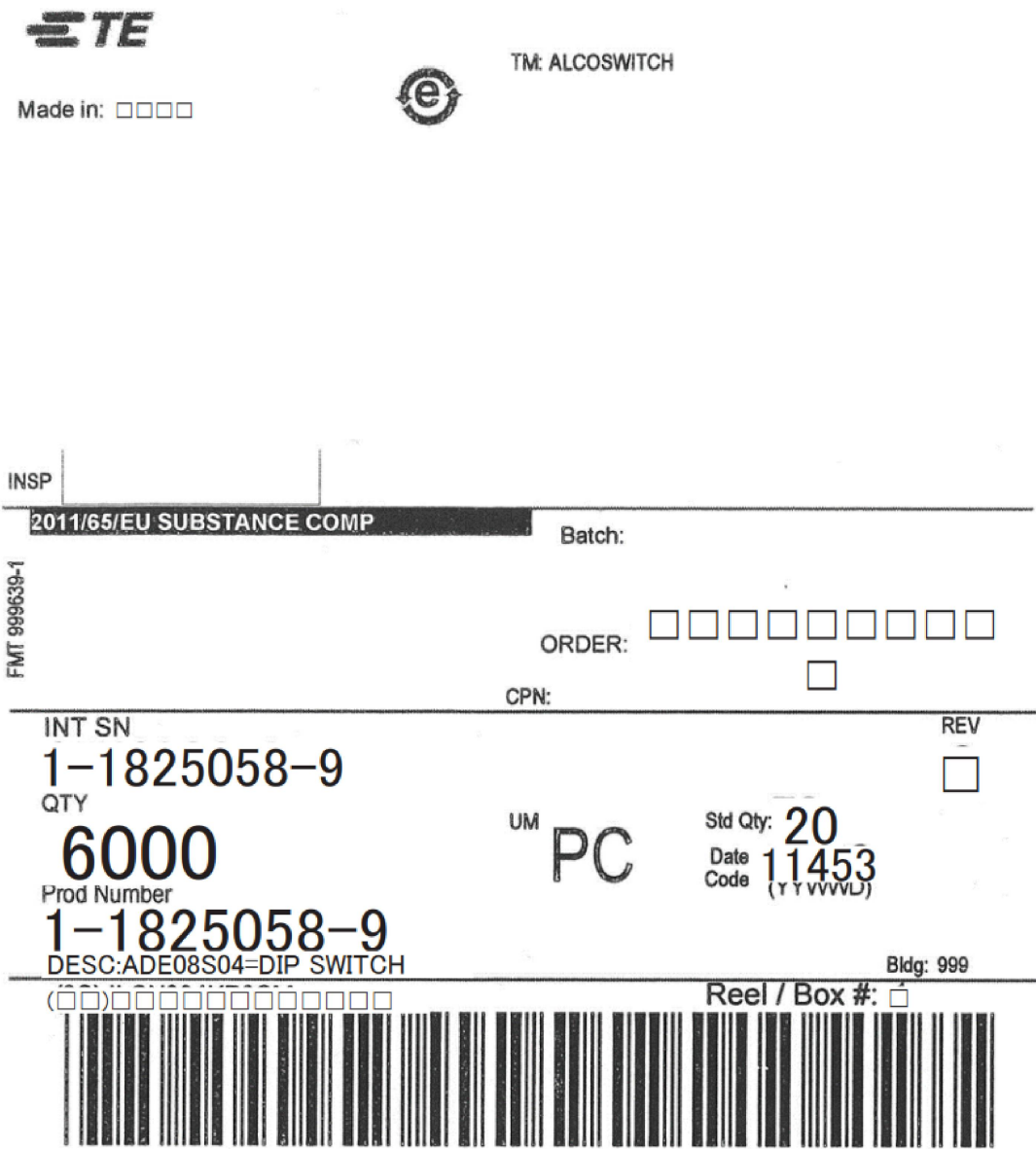
TE P/N	1-1825058-9
MODEL	ADE08S04
QUANTITY	6000 PCS
LOT No.	1059
MFG DATE	2019.5.10

WHEN SHIPMENT



LOCATION OF BARCODE LABEL

BARCODE LABEL

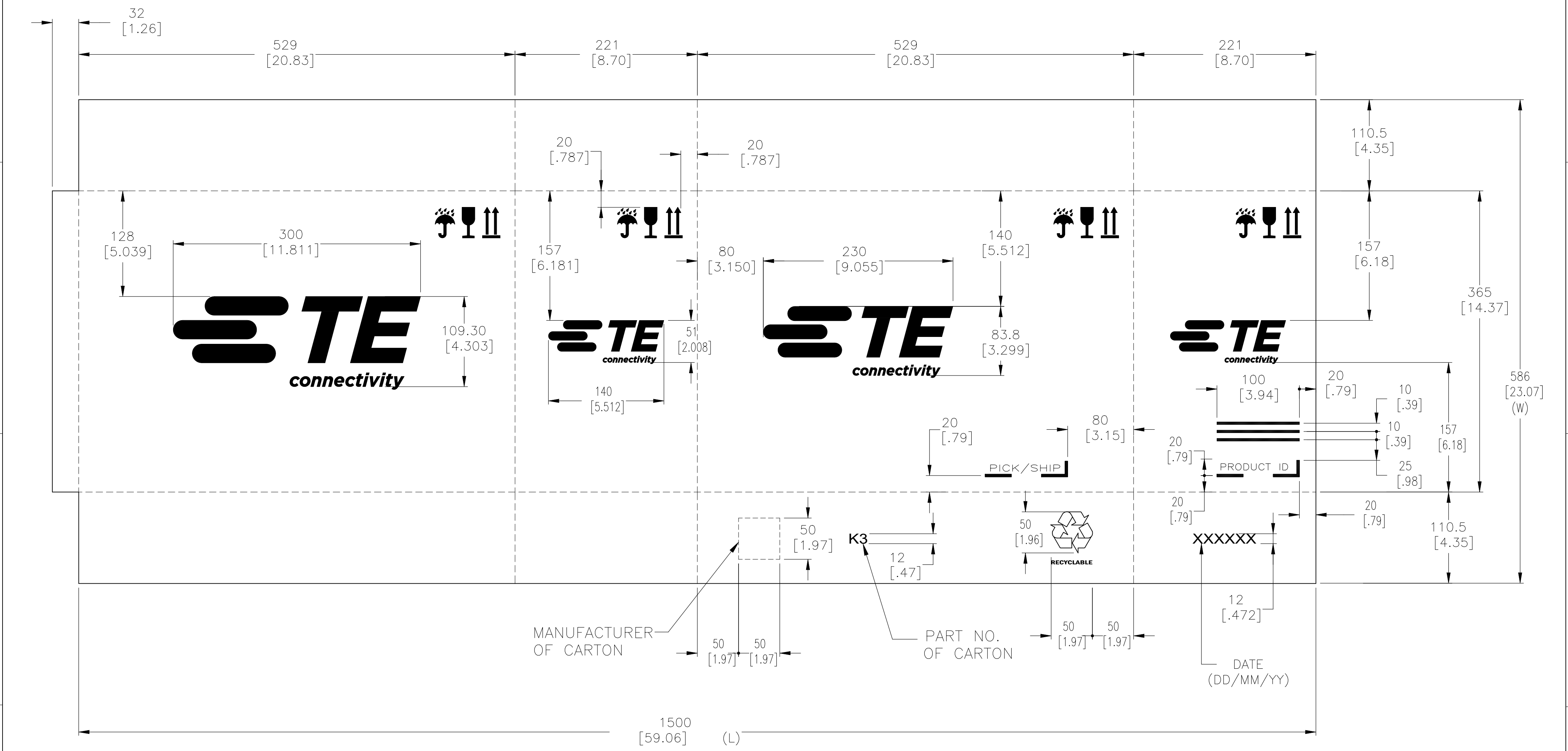


INDICATION OF DATE CODE ON BARCODE LABEL

11 45 3 → 2011 45 3 = 2011
Y2011 45th Week 3rd Day=1st November,2011
YY WW Day

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		PRODUCT SPEC		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE A2	
MATERIAL -		WEIGHT	CAGE CODE -	DRAWING NO C=1825058
FINISH -		CUSTOMER DRAWING	SCALE NTS	SHEET 6 of 9
			REV U	

”ENVELOPE DRAWING”



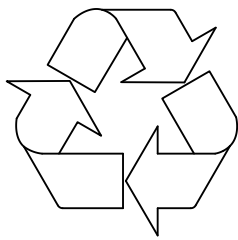
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PACKAGE SPECIFICATION

TYCO's Logo

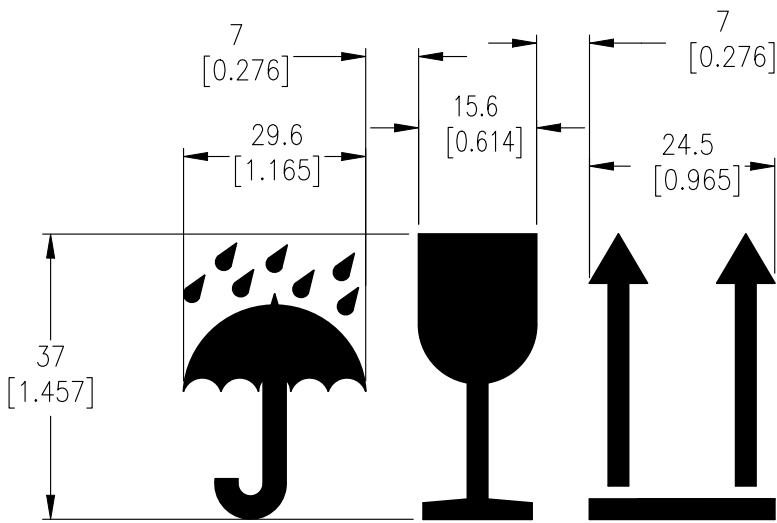


Recycle mark



RECYCLABLE

Care mark



Mark of outer carton supplier
(Marking by stamp is possible)



Example: Chinese supplier's marking

Product ID marking
(Marking by stamp is possible)



Pick up marking



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0 PLC ± -			A2	-	C=1825058	-
1 PLC ± -			SCALE 4:1			
2 PLC ± 0.30[.012]			SHEET 9 of 9			
3 PLC ± -			REV U			
4 PLC ± -						
ANGLES ± -						
FINISH		WEIGHT				
-						
		CUSTOMER DRAWING				