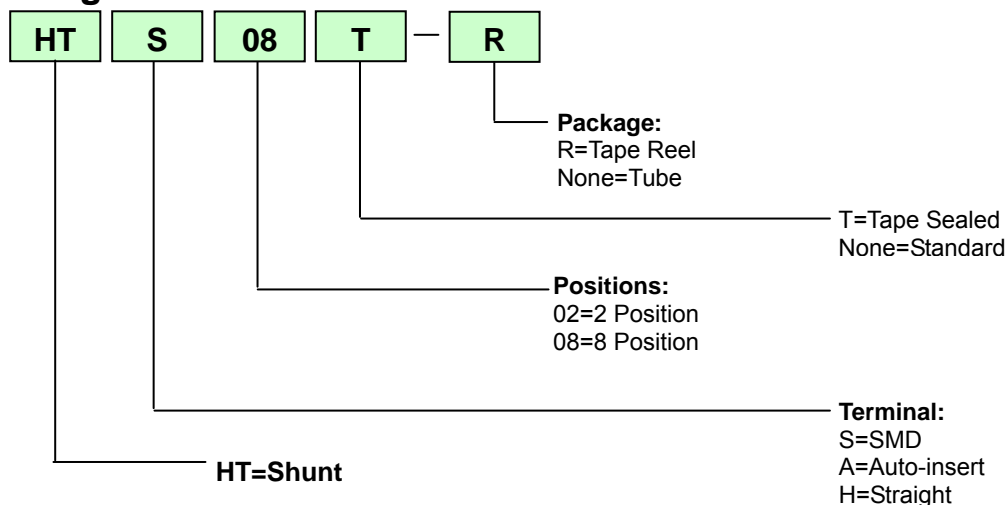


MODEL	SPECIFICATION RoHS Compliant DIP SHUNT	SP-001	Page
HT series IC Type			1/8

Ordering Information:



Specifications

- ◆ Rating 1A
- ◆ Insulation Resistance 100MΩ Min. at 500VDC
- ◆ Dielectric Strength 500VDC / 1 minute
- ◆ Operation Temperature -55°C ~ 150°C

Soldering Information

- ◆ **Hand Soldering**
Soldering iron 30W at under 350°C/3 sec. Max. or at 270°C/5 sec. Max.
- ◆ **Reflow Soldering**
260°C±5°C within 30 sec. In-line or Batch system.
- ◆ **Wave Soldering**
Temperature: 260°C 10 sec. Max..

Classification Reflow Profiles

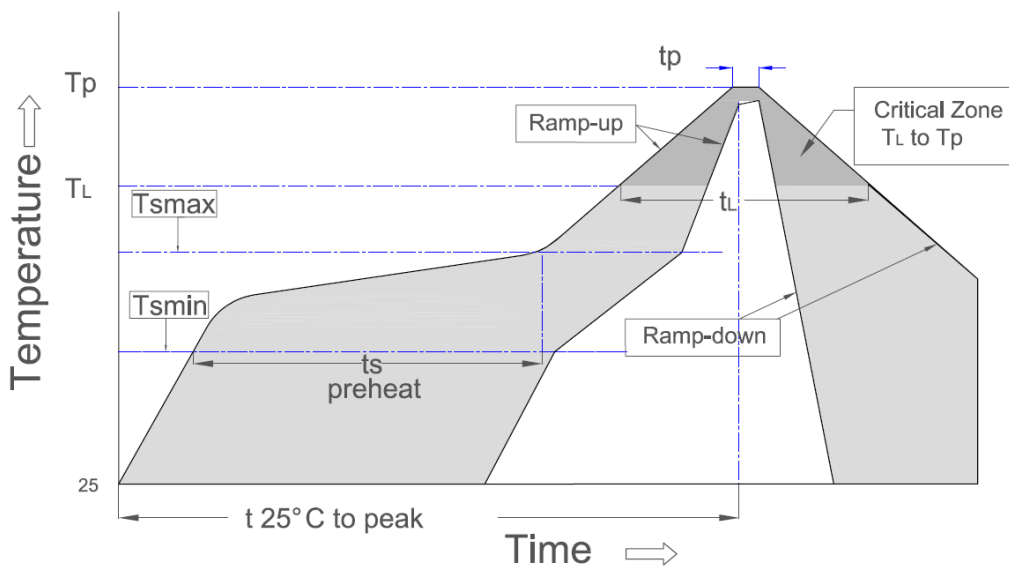
Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T _{smax} to T _p)	3°C/second max
Preheat: --Temperature Min (T _{smin}) --Temperature Max (T _{smax}) --Time (T _{smin} to T _{smax}) (t _s)	150°C 200°C 60 ~ 180 seconds
Time maintained above: --Temperature (T _L) --Time (t _L)	217°C 60 ~ 150 seconds
Peak/Classification Temperature(T _p)	260°C±5°C
Time within 5°C of actual peak Temperature (t _p)	20~40 seconds
Ramp-Down Rate	6°C/second max
Time 25°C to Peak Temperature	8 minutes max

Note 1: All temperatures refer to topside of the package, measured on the package body surface.

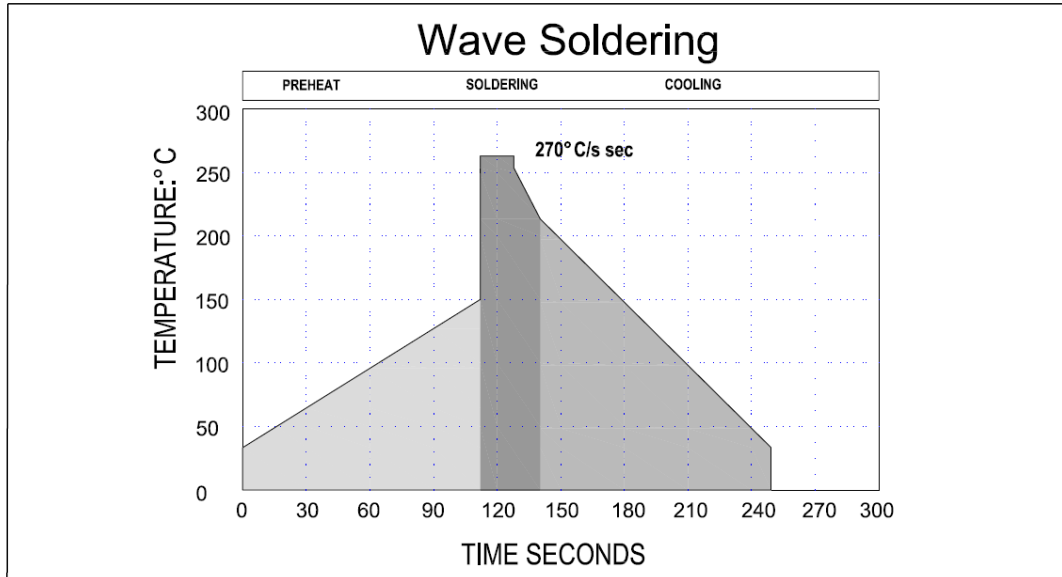
Note 2: Time within 5 °C of actual peak temperature (t_p) specified for the reflow profiles is a “supplier” minimum and “user” maximum.

The table copy from IPC/JEDEC J-STD-202C

Reflow Soldering Standard Conditions



Classification Wave Soldering Profiles



Maximum dwell time in the solder wave (270°C) shall not exceed 5 seconds.

Switch Operation

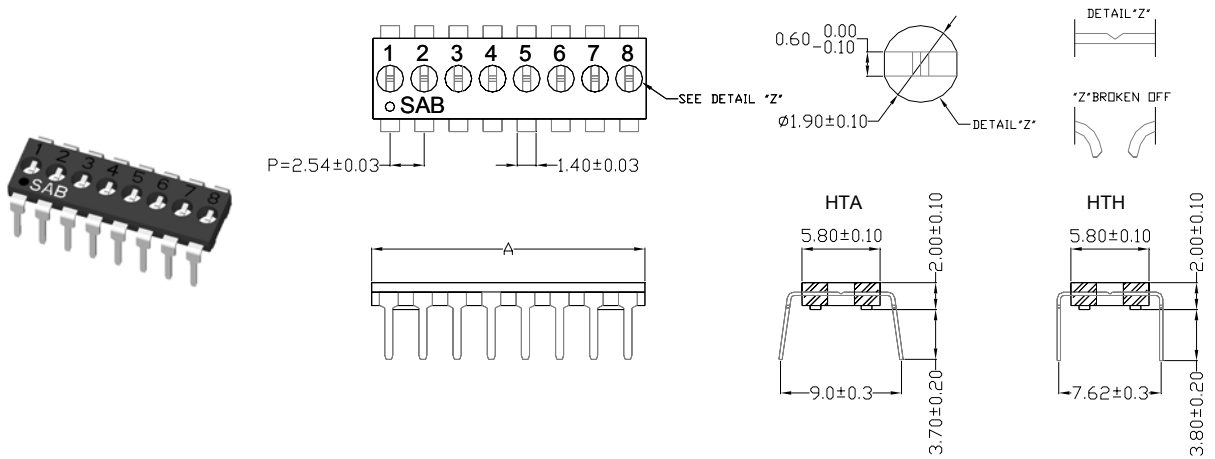
- (1) Operation (cutting)force 3.4 kgs \pm 0.5kg
- (2) Use tweezers or ball-point pen for operation.
- (3) When Cutting off the connection area the switch must mounting on PCB

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HT series IC Type			4/8

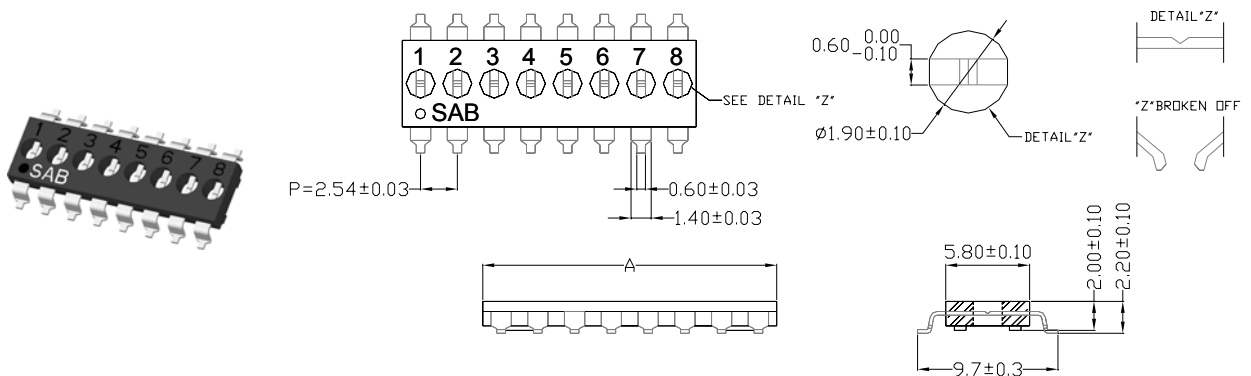
Materials:

- ◆ Base (HTH/A)PA66 (UL 94V-0), Black
- (HTS/HTA)PPS (UL 94V-0), Black
- (HTS)HTN (UL 94V-0), Black
- ◆ Terminal40u" +/-10u" Nickel Cover (Pure) Tin-Plated
- ◆ TapePolyimide Film

HTA/H



HTS



MODEL	SPECIFICATION RoHS Compliant DIP SHUNT	SP-005	Page
HT series IC Type			5/8

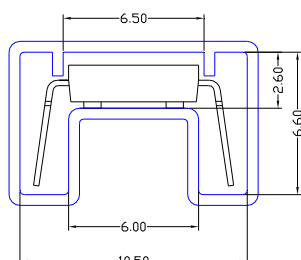
Part Number Table:

No. Pos.	Dim. "A"	Auto Insert Tube Package	Straight Tube Package	SMD Tape Sealed Tube Package	SMD Tape Reel	SMD Tape Sealed Tape Reel
2	5.08	HTA02	HTH02	HTS02T	HTS02-R	HTS02T-R
3	7.62	HTA03	HTH03	HTS03T	HTS03-R	HTS03T-R
4	10.16	HTA04	HTH04	HTS04T	HTS04-R	HTS04T-R
5	12.70	HTA05	HTH05	HTS05T	HTS05-R	HTS05T-R
6	15.24	HTA06	HTH06	HTS06T	HTS06-R	HTS06T-R
7	17.78	HTA07	HTH07	HTS07T	HTS07-R	HTS07T-R
8	20.32	HTA08	HTH08	HTS08T	HTS08-R	HTS08T-R
9	22.86	HTA09	HTH09	HTS09T	HTS09-R	HTS09T-R
10	25.40	HTA10	HTH10	HTS10T	HTS10-R	HTS10T-R
12	30.48	HTA12	HTH12	HTS12T	HTS12-R	HTS12T-R

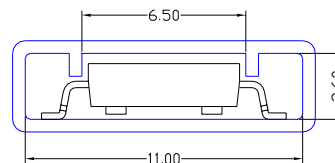
Tube Package:

POLE	2	3	4	5	6	7	8	9	10	12
TUBE	105	70	52	42	35	30	26	23	21	17
BOX	10500	7000	5200	4200	3500	3000	2600	2300	2100	1700
CTN 1	21000	14000	10400	8400	7000	6000	5200	4600	4200	3400
CTN 2	42000	28000	20800	16800	14000	12000	10400	9200	8400	6800

HTA



HTS

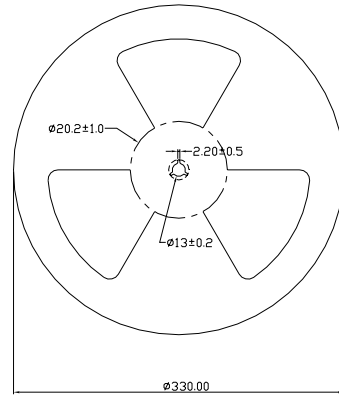
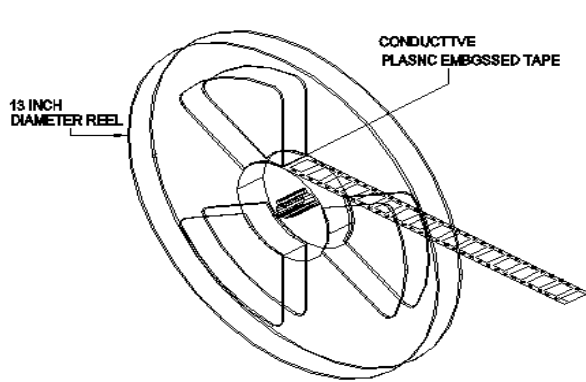
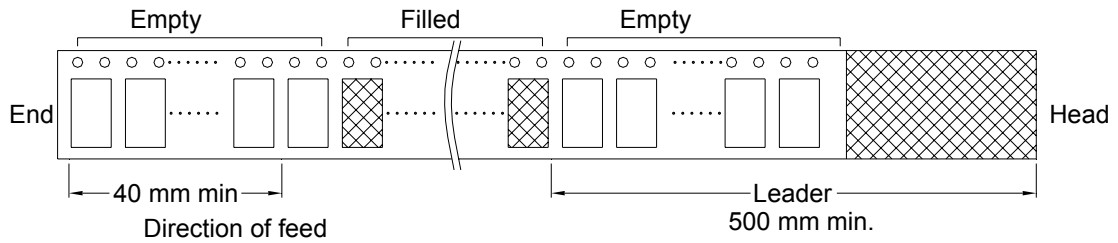


MODEL	SPECIFICATION RoHS Compliant DIP SHUNT	SP-006	Page
HT series			
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Tape & Reel package

◆ HTS

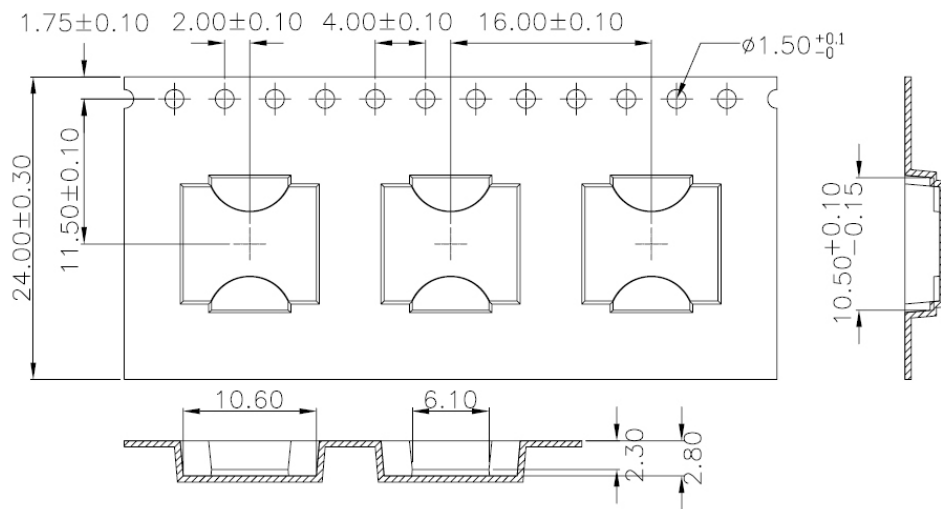
POLE	02	03	04	05	06	07	08	09	10	12
Pitch (mm)	16	16	16	16	16	16	16	16	16	16
Width (mm)	12	16	24	24	24	32	32	44	44	44
S type / Reel	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000



Carry Tape Table:

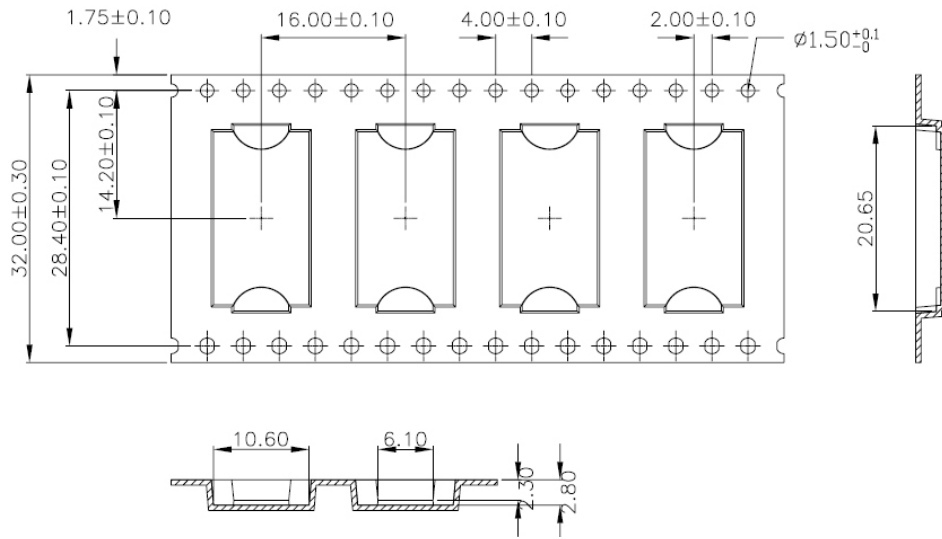
P/N	Pitch (mm)	Thickness(mm)	Width(mm)	Sellotape(mm)	@REEL/BOX	Q'ty/Reel
HTS02	16	0.35	12	/	/	1000
HTS03	16	0.35	16	13.3	6	1000
HTS04	16	0.35	24	21.3	4	1000
HTS05	16	0.35	24	21.3		1000
HTS06	16	0.35	24	21.3		1000
HTS07	16	0.35	32	25.5	3	1000
HTS08	16	0.35	32	25.5		1000
HTS09	16	0.35	44	37.5	2	1000
HTS10	16	0.35	44	37.5		1000
HTS12	16	0.35	44	37.5		1000

24mm



MODEL	SPECIFICATION RoHS Compliant DIP SHUNT	SP-008	Page
HT series			8/8
IC Type			

32mm



Box Dimension:

- ◆ Tube56cm × 12cm × 12cm
- ◆ Tape & Reel34cm x 12cm x 33cm

Carton Dimension:

- ◆ Tube CTN1 / 2 Boxes.....58.5cm x 26.5cm x 16cm
- CTN2 / 4 Boxes.....58.5cm x 26.5cm x 24cm
- ◆ Tape & Reel34cm x 26cm x 35cm