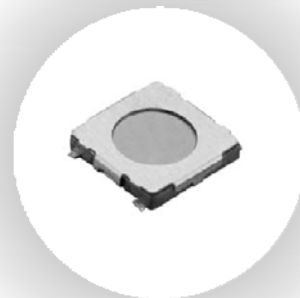


Features

- Long life cycles with light touch of stainless round steel.
- High reliability with sealed contact structure.
- Super thin and small-sized.
- short push travel.

Recommend Applications

- For operating various electronic devices such as audio devices, video recoders, communication devices, cameras, automotive sets, electric home appliances, etc.



Products Specification

Item	Specification	
Electrical Characteristics	Rating	DC15V 20mA.
	Contact Resistance	50mΩ MAX.
	Insulation Resistance	DC100V-50MΩ MIN.
	Withstand Voltage	AC250V - 1 MINUTE.
Mechanical Characteristics	Travel	0.25 ^{+0.05} _{-0.15} mm.
Endurance Characteristics	Operating Temperature	-40°C ~ +80°C
	Storage Temperature	-20°C ~ +60°C

Products Lines

SMT- G Type Vertical [5.0L x 5.0W]

Product No.	Height	Operating Force	Operating Life	Package
NTC017-BA1G-A160T	1.5	160±50gf	1,000,000 Cycles	4,000
NTC017-BA1G-A260T	1.5	260±50gf	200,000 Cycles	4,000
NTC017-BA1G-B160T	1.6	160±50gf	1,000,000 Cycles	4,000
NTC017-BA1G-B260T	1.6	260±50gf	200,000 Cycles	4,000

Dimensions		Recommended P.C.B Layout

Unit:mm

T.M.E.C

TACT SWITCH NTC017 Series

SMT- J Type Vertical [5.0L x 5.0W]

Product No.	Height	Operating Force	Operating Life	Package
NTC017-BA1J-A160T	1.5	160±50gf	1,000,000 Cycles	4,000
NTC017-BA1J-A260T	1.5	260±70gf	200,000 Cycles	4,000
NTC017-BA1J-B160T	1.6	160±50gf	1,000,000 Cycles	4,000
NTC017-BA1J-B260T	1.6	260±70gf	200,000 Cycles	4,000

Dimmensions	Recommended P.C.B Layout
Unit:mm	CAN BE EFFECTIVE EVEN IF GROUND TERMINAL NOT WELL SOLDERED.

SMT- J Type Vertical [5.0L x 5.0W x 0.8H]

Product No.	Operating Force	Operating Life	Package
NTC017-BA1J-X160T	160±50gf	1,000,000 Cycles	5,000
NTC017-BA1J-X260T	260±50gf	200,000 Cycles	5,000

Dimmensions	Recommended P.C.B Layout
Unit:mm	CAN BE EFFECTIVE EVEN IF GROUND TERMINAL NOT WELL SOLDERED.

T.M.E.C

TACT SWITCH NTC017 Series

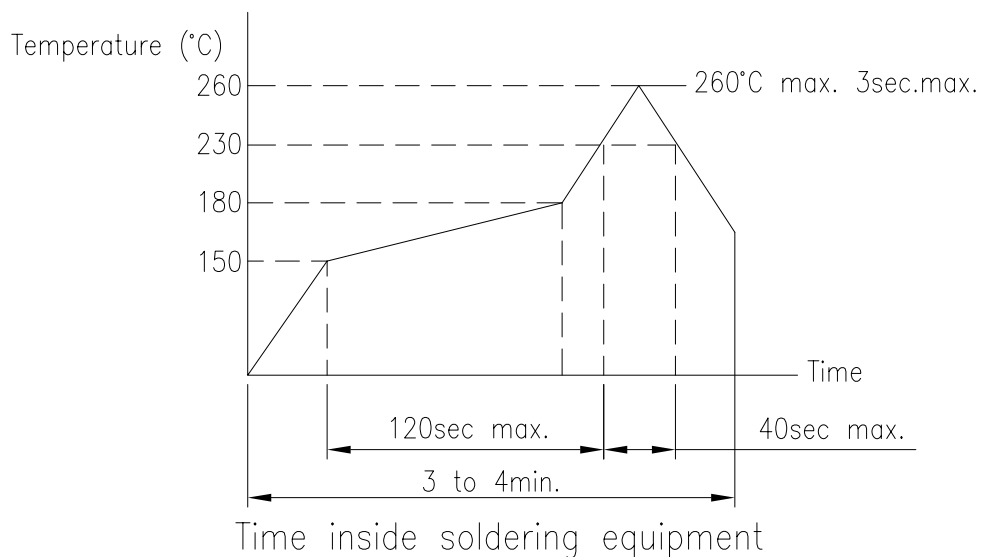
SMT- J Type Vertical [5.0L x 5.0W x 0.8H]

Product No.	Operating Force	Operating Life	Package
NTC017-EA1J-X160T	160±50gf	1,000,000 Cycles	5,000
NTC017-EA1J-X260T	260±50gf	200,000 Cycles	5,000

Dimensions	Recommended P.C.B Layout
Unit:mm	

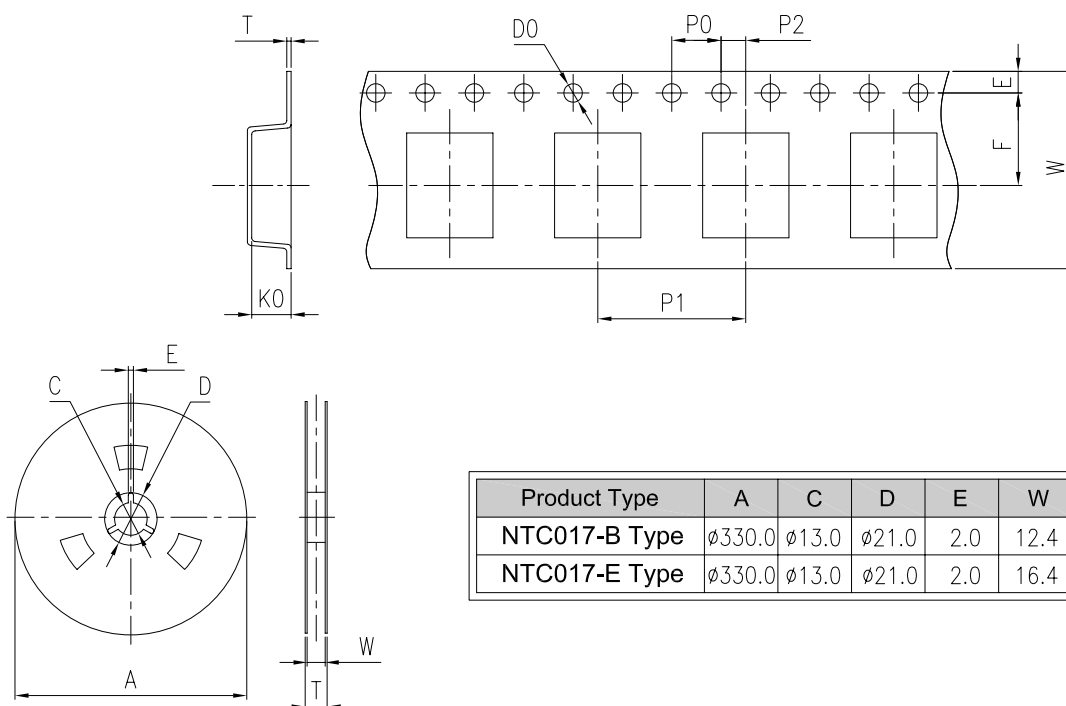
Recommended Reflow Soldering Conditions :

- Manual Soldering Temperature :
Temperature : 350°C MAX.
Time : 3 Sec. MAX.
- Reflow Soldering:
Number of Reflow Pass : 2 Cycles.



■ Specification of Embossed Tapping Package

Product Type	Dimensions								
	W	E	F	T	K0	P1	P2	P0	D0
NTC017-BA1G-A Type	12.0	1.75	5.5	0.3	1.85	8.0	2.0	4.0	1.5
NTC017-BA1G-B Type	12.0	1.75	5.5	0.3	1.85	8.0	2.0	4.0	1.5
NTC017-BA1J-A Type	12.0	1.75	5.5	0.3	1.85	8.0	2.0	4.0	1.5
NTC017-BA1J-B Type	12.0	1.75	5.5	0.3	1.85	8.0	2.0	4.0	1.5
NTC017-BA1J-X Type	12.0	1.75	5.5	0.3	1.85	8.0	2.0	4.0	1.5
NTC017-EA1J-X Type	16.0	1.75	7.5	0.3	1.1	8.0	2.0	4.0	1.5



Product Type	A	C	D	E	W	T
NTC017-B Type	ø330.0	ø13.0	ø21.0	2.0	12.4	18.4
NTC017-E Type	ø330.0	ø13.0	ø21.0	2.0	16.4	22.4