

Wire Wound SMD Power Inductors –SWRH –DS Series



Operating Temp ◆ -40°C ~+125°C (Including Self-heating)

Features

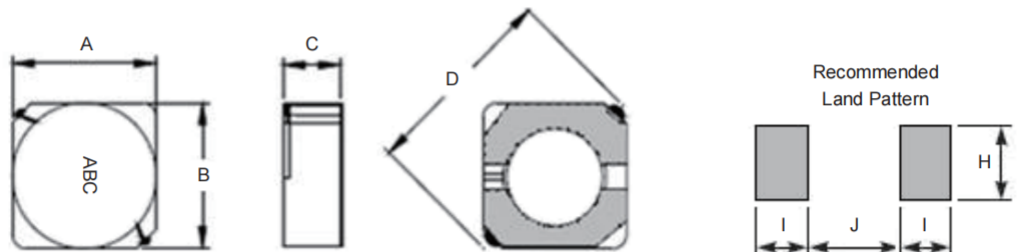
- ◆ High saturation current, low DCR
- ◆ Suitable for surface mounting equipment
- ◆ Close magnetic circuit design reduce leakage

Applications ◆ Power supply choke for small electrical equipments such as DVC, LCD display, notebook, communication equipment, OA equipment and so on.

Product Identification

1	2	3	4	5	6
SWRH	3D16	S	-1R5	N	T
1 Type		2 External Dimensions		3 Configuration	
SWRH Wire Wound SMD Type Power Inductors (With Metallic Base)		3D16~6D38		S	S Type Base
4 Nominal Inductance		5 Inductance Tolerance		6 Packing	
Example	Nominal Value	M	±20%	T	Tape Carrier Package
1R5	1.5μH	N	±30%		
100	10μH				
101	100μH				

Shape and Dimensions



Unit: mm

Series	A max.	B max.	C max.	D typ.	I typ.	J typ.	H typ.
SWRH3D16S	4.2	4.2	1.8	5.5	1.7	1.1	4.5
SWRH3D18S	4.2	4.2	2.1	5.5	1.7	1.1	4.5
SWRH3D28S	4.2	4.2	3.2	5.5	1.7	1.1	4.5
SWRH4D18S	5.0	5.0	2.0	6.9	1.9	1.5	5.3
SWRH4D28S	5.0	5.0	3.0	6.9	1.9	1.5	5.3
SWRH5D18S	6.0	6.0	2.0	8.2	2.1	2.0	6.3
SWRH5D28S	6.0	6.0	3.0	8.2	2.1	2.0	6.3
SWRH6D28S	7.0	7.0	3.0	9.5	2.6	2.0	7.3
SWRH6D38S	7.0	7.0	4.0	9.5	2.6	2.0	7.3

Specifications

SWRH3D16S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH3D16S-1R0NT	1.0 $\pm$ 30%	100k, 0.3V	0.049	2.70
SWRH3D16S-1R5NT	1.5 $\pm$ 30%	100k, 0.3V	0.052	1.35
SWRH3D16S-2R2NT	2.2 $\pm$ 30%	100k, 0.3V	0.072	1.20
SWRH3D16S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.085	1.10
SWRH3D16S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.105	0.90
SWRH3D16S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.170	0.73
SWRH3D16S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.190	0.66
SWRH3D16S-100MT	10 $\pm$ 20%	1k, 0.3V	0.210	0.55
SWRH3D16S-150MT	15 $\pm$ 20%	1k, 0.3V	0.295	0.45
SWRH3D16S-220MT	22 $\pm$ 20%	1k, 0.3V	0.430	0.40
SWRH3D16S-330MT	33 $\pm$ 20%	1k, 0.3V	0.660	0.32

SWRH3D18S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH3D18S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.088	1.45
SWRH3D18S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.107	1.35
SWRH3D18S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.150	1.10
SWRH3D18S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.185	1.00
SWRH3D18S-100MT	10 $\pm$ 20%	1k, 0.3V	0.205	0.90
SWRH3D18S-150MT	15 $\pm$ 20%	1k, 0.3V	0.301	0.75
SWRH3D18S-220MT	22 $\pm$ 20%	1k, 0.3V	0.424	0.60
SWRH3D18S-330MT	33 $\pm$ 20%	1k, 0.3V	0.640	0.45
SWRH3D18S-470MT	47 $\pm$ 20%	1k, 0.3V	0.964	0.35

SWRH3D28S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH3D28S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.072	2.00
SWRH3D28S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.088	1.65
SWRH3D28S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.119	1.24
SWRH3D28S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.132	1.15
SWRH3D28S-100MT	10 $\pm$ 20%	1k, 0.3V	0.145	1.05
SWRH3D28S-150MT	15 $\pm$ 20%	1k, 0.3V	0.213	0.90
SWRH3D28S-220MT	22 $\pm$ 20%	1k, 0.3V	0.335	0.76
SWRH3D28S-330MT	33 $\pm$ 20%	1k, 0.3V	0.481	0.58
SWRH3D28S-470MT	47 $\pm$ 20%	1k, 0.3V	0.599	0.48

SWRH4D18S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH4D18S-1R0NT	1.0 $\pm$ 30%	100k, 0.3V	0.045	1.72
SWRH4D18S-2R2NT	2.2 $\pm$ 30%	100k, 0.3V	0.075	1.32
SWRH4D18S-2R7NT	2.7 $\pm$ 30%	100k, 0.3V	0.105	1.28
SWRH4D18S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.110	1.04
SWRH4D18S-3R9NT	3.9 $\pm$ 30%	100k, 0.3V	0.155	0.88
SWRH4D18S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.162	0.84
SWRH4D18S-5R6NT	5.6 $\pm$ 30%	100k, 0.3V	0.170	0.80
SWRH4D18S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.190	0.76
SWRH4D18S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.195	0.68
SWRH4D18S-100MT	10 $\pm$ 20%	1k, 0.3V	0.200	0.61

Specifications

SWRH4D18S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I_r
SWRH4D18S-120MT	$12 \pm 20\%$	1k, 0.3V	0.210	0.56
SWRH4D18S-150MT	$15 \pm 20\%$	1k, 0.3V	0.240	0.50
SWRH4D18S-180MT	$18 \pm 20\%$	1k, 0.3V	0.338	0.48
SWRH4D18S-220MT	$22 \pm 20\%$	1k, 0.3V	0.397	0.41
SWRH4D18S-270MT	$27 \pm 20\%$	1k, 0.3V	0.441	0.35
SWRH4D18S-330MT	$33 \pm 20\%$	1k, 0.3V	0.694	0.32
SWRH4D18S-390MT	$39 \pm 20\%$	1k, 0.3V	0.709	0.30
SWRH4D18S-470MT	$47 \pm 20\%$	1k, 0.3V	0.922	0.28
SWRH4D18S-560MT	$56 \pm 20\%$	1k, 0.3V	1.080	0.26
SWRH4D18S-680MT	$68 \pm 20\%$	1k, 0.3V	1.300	0.24
SWRH4D18S-820MT	$82 \pm 20\%$	1k, 0.3V	1.560	0.22
SWRH4D18S-101MT	$100 \pm 20\%$	1k, 0.3V	1.730	0.20
SWRH4D18S-121MT	$120 \pm 20\%$	1k, 0.3V	2.390	0.18
SWRH4D18S-151MT	$150 \pm 20\%$	1k, 0.3V	2.670	0.15

SWRH4D28S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I_r
SWRH4D28S-1R0NT	$1.0 \pm 30\%$	100k, 0.3V	0.022	2.60
SWRH4D28S-1R2NT	$1.2 \pm 30\%$	100k, 0.3V	0.024	2.56
SWRH4D28S-2R2NT	$2.2 \pm 30\%$	100k, 0.3V	0.031	2.04
SWRH4D28S-3R3NT	$3.3 \pm 30\%$	100k, 0.3V	0.049	1.57
SWRH4D28S-4R7NT	$4.7 \pm 30\%$	100k, 0.3V	0.072	1.32
SWRH4D28S-5R6NT	$5.6 \pm 30\%$	100k, 0.3V	0.101	1.17
SWRH4D28S-6R8NT	$6.8 \pm 30\%$	100k, 0.3V	0.108	1.12
SWRH4D28S-8R2NT	$8.2 \pm 30\%$	100k, 0.3V	0.118	1.04
SWRH4D28S-100MT	$10 \pm 20\%$	1k, 0.3V	0.128	1.00
SWRH4D28S-120MT	$12 \pm 20\%$	1k, 0.3V	0.132	0.84
SWRH4D28S-150MT	$15 \pm 20\%$	1k, 0.3V	0.149	0.76
SWRH4D28S-180MT	$18 \pm 20\%$	1k, 0.3V	0.165	0.72
SWRH4D28S-220MT	$22 \pm 20\%$	1k, 0.3V	0.235	0.70
SWRH4D28S-330MT	$33 \pm 20\%$	1k, 0.3V	0.331	0.56
SWRH4D28S-390MT	$39 \pm 20\%$	1k, 0.3V	0.384	0.50
SWRH4D28S-470MT	$47 \pm 20\%$	1k, 0.3V	0.587	0.48
SWRH4D28S-560MT	$56 \pm 20\%$	1k, 0.3V	0.624	0.41
SWRH4D28S-680MT	$68 \pm 20\%$	1k, 0.3V	0.699	0.35
SWRH4D28S-820MT	$82 \pm 20\%$	1k, 0.3V	0.915	0.32
SWRH4D28S-101MT	$100 \pm 20\%$	1k, 0.3V	1.020	0.29
SWRH4D28S-121MT	$120 \pm 20\%$	1k, 0.3V	1.270	0.27
SWRH4D28S-151MT	$150 \pm 20\%$	1k, 0.3V	1.350	0.24

SWRH5D18S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I_r
SWRH5D18S-3R3NT	$3.3 \pm 30\%$	100k, 0.3V	0.053	2.00
SWRH5D18S-4R7NT	$4.7 \pm 30\%$	100k, 0.3V	0.060	1.90
SWRH5D18S-5R6NT	$5.6 \pm 30\%$	100k, 0.3V	0.076	1.60
SWRH5D18S-6R8NT	$6.8 \pm 30\%$	100k, 0.3V	0.105	1.40
SWRH5D18S-8R2NT	$8.2 \pm 30\%$	100k, 0.3V	0.117	1.30
SWRH5D18S-100MT	$10 \pm 20\%$	1k, 0.3V	0.124	1.20

Specifications

SWRH5D18S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH5D18S-120MT	12 $\pm$ 20%	1k, 0.3V	0.153	1.10
SWRH5D18S-180MT	18 $\pm$ 20%	1k, 0.3V	0.210	0.85
SWRH5D18S-220MT	22 $\pm$ 20%	1k, 0.3V	0.290	0.80
SWRH5D18S-270MT	27 $\pm$ 20%	1k, 0.3V	0.330	0.75
SWRH5D18S-330MT	33 $\pm$ 20%	1k, 0.3V	0.386	0.65
SWRH5D18S-390MT	39 $\pm$ 20%	1k, 0.3V	0.520	0.57
SWRH5D18S-470MT	47 $\pm$ 20%	1k, 0.3V	0.595	0.54
SWRH5D18S-560MT	56 $\pm$ 20%	1k, 0.3V	0.665	0.50
SWRH5D18S-680MT	68 $\pm$ 20%	1k, 0.3V	0.840	0.43
SWRH5D18S-820MT	82 $\pm$ 20%	1k, 0.3V	0.978	0.41
SWRH5D18S-101MT	100 $\pm$ 20%	1k, 0.3V	1.200	0.36
SWRH5D18S-121MT	120 $\pm$ 20%	1k, 0.3V	1.500	0.33
SWRH5D18S-151MT	150 $\pm$ 20%	1k, 0.3V	1.710	0.31

SWRH5D28S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH5D28S-2R2NT	2.2 $\pm$ 30%	100k, 0.3V	0.017	2.60
SWRH5D28S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.029	2.40
SWRH5D28S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.039	2.10
SWRH5D28S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.048	1.85
SWRH5D28S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.057	1.58
SWRH5D28S-100MT	10 $\pm$ 20%	1k, 0.3V	0.065	1.30
SWRH5D28S-120MT	12 $\pm$ 20%	1k, 0.3V	0.076	1.20
SWRH5D28S-180MT	18 $\pm$ 20%	1k, 0.3V	0.110	1.00
SWRH5D28S-220MT	22 $\pm$ 20%	1k, 0.3V	0.122	0.90
SWRH5D28S-330MT	33 $\pm$ 20%	1k, 0.3V	0.189	0.75
SWRH5D28S-470MT	47 $\pm$ 20%	1k, 0.3V	0.250	0.62
SWRH5D28S-560MT	56 $\pm$ 20%	1k, 0.3V	0.305	0.58
SWRH5D28S-680MT	68 $\pm$ 20%	1k, 0.3V	0.355	0.52
SWRH5D28S-820MT	82 $\pm$ 20%	1k, 0.3V	0.463	0.46
SWRH5D28S-101MT	100 $\pm$ 20%	1k, 0.3V	0.520	0.42
SWRH5D28S-121MT	120 $\pm$ 20%	1k, 0.3V	0.560	0.40
SWRH5D28S-151MT	150 $\pm$ 20%	1k, 0.3V	0.680	0.35
SWRH5D28S-181MT	180 $\pm$ 20%	1k, 0.3V	0.930	0.32
SWRH5D28S-221MT	220 $\pm$ 20%	1k, 0.3V	1.150	0.30
SWRH5D28S-271MT	270 $\pm$ 20%	1k, 0.3V	1.560	0.27
SWRH5D28S-331MT	330 $\pm$ 20%	1k, 0.3V	1.980	0.25

SWRH6D28S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH6D28S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.026	2.80
SWRH6D28S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.031	2.40
SWRH6D28S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.042	2.20
SWRH6D28S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.055	1.95
SWRH6D28S-100MT	10 $\pm$ 20%	1k, 0.3V	0.065	1.70
SWRH6D28S-150MT	15 $\pm$ 20%	1k, 0.3V	0.084	1.40
SWRH6D28S-180MT	18 $\pm$ 20%	1k, 0.3V	0.095	1.32
SWRH6D28S-220MT	22 $\pm$ 20%	1k, 0.3V	0.128	1.20
SWRH6D28S-330MT	33 $\pm$ 20%	1k, 0.3V	0.165	0.97
SWRH6D28S-470MT	47 $\pm$ 20%	1k, 0.3V	0.238	0.80

Specifications

SWRH6D28S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH6D28S-560MT	56 $\pm$ 20%	1k, 0.3V	0.277	0.73
SWRH6D28S-680MT	68 $\pm$ 20%	1k, 0.3V	0.304	0.65
SWRH6D28S-820MT	82 $\pm$ 20%	1k, 0.3V	0.390	0.60
SWRH6D28S-101MT	100 $\pm$ 20%	1k, 0.3V	0.535	0.54
SWRH6D28S-121MT	120 $\pm$ 20%	1k, 0.3V	0.750	0.51
SWRH6D28S-151MT	150 $\pm$ 20%	1k, 0.3V	0.950	0.47
SWRH6D28S-181MT	180 $\pm$ 20%	1k, 0.3V	1.200	0.41
SWRH6D28S-221MT	220 $\pm$ 20%	1k, 0.3V	1.500	0.37
SWRH6D28S-271MT	270 $\pm$ 20%	1k, 0.3V	1.700	0.33
SWRH6D28S-331MT	330 $\pm$ 20%	1k, 0.3V	2.150	0.28
SWRH6D28S-391MT	390 $\pm$ 20%	1k, 0.3V	2.750	0.23
SWRH6D28S-471MT	470 $\pm$ 20%	1k, 0.3V	3.000	0.21
SWRH6D28S-681MT	680 $\pm$ 20%	1k, 0.3V	5.150	0.20
SWRH6D28S-102MT	1000 $\pm$ 20%	1k, 0.3V	8.970	0.14

SWRH6D38S TYPE

Part Number	Inductance	L Test Condition	Max. DC Resistance	Max. Rated Current
Units	μH	Hz, V	Ω	A
Symbol	L	-	DCR	I _r
SWRH6D38S-1R5NT	1.5 $\pm$ 30%	100k, 0.3V	0.015	5.20
SWRH6D38S-2R2NT	2.2 $\pm$ 30%	100k, 0.3V	0.018	4.50
SWRH6D38S-3R3NT	3.3 $\pm$ 30%	100k, 0.3V	0.020	3.50
SWRH6D38S-4R7NT	4.7 $\pm$ 30%	100k, 0.3V	0.025	2.80
SWRH6D38S-6R8NT	6.8 $\pm$ 30%	100k, 0.3V	0.029	2.40
SWRH6D38S-8R2NT	8.2 $\pm$ 30%	100k, 0.3V	0.034	2.20
SWRH6D38S-100MT	10 $\pm$ 20%	1k, 0.3V	0.038	2.00
SWRH6D38S-120MT	12 $\pm$ 20%	1k, 0.3V	0.053	1.70
SWRH6D38S-150MT	15 $\pm$ 20%	1k, 0.3V	0.057	1.60
SWRH6D38S-180MT	18 $\pm$ 20%	1k, 0.3V	0.092	1.50
SWRH6D38S-220MT	22 $\pm$ 20%	1k, 0.3V	0.096	1.30
SWRH6D38S-270MT	27 $\pm$ 20%	1k, 0.3V	0.109	1.20
SWRH6D38S-330MT	33 $\pm$ 20%	1k, 0.3V	0.124	1.10
SWRH6D38S-390MT	39 $\pm$ 20%	1k, 0.3V	0.138	1.00
SWRH6D38S-470MT	47 $\pm$ 20%	1k, 0.3V	0.155	0.95
SWRH6D38S-560MT	56 $\pm$ 20%	1k, 0.3V	0.202	0.85
SWRH6D38S-680MT	68 $\pm$ 20%	1k, 0.3V	0.234	0.75
SWRH6D38S-820MT	82 $\pm$ 20%	1k, 0.3V	0.324	0.70
SWRH6D38S-101MT	100 $\pm$ 20%	1k, 0.3V	0.358	0.65
SWRH6D38S-121MT	120 $\pm$ 20%	1k, 0.3V	0.470	0.59
SWRH6D38S-151MT	150 $\pm$ 20%	1k, 0.3V	0.580	0.54
SWRH6D38S-181MT	180 $\pm$ 20%	1k, 0.3V	0.690	0.49
SWRH6D38S-221MT	220 $\pm$ 20%	1k, 0.3V	0.890	0.43
SWRH6D38S-271MT	270 $\pm$ 20%	1k, 0.3V	1.290	0.40
SWRH6D38S-331MT	330 $\pm$ 20%	1k, 0.3V	1.700	0.37
SWRH6D38S-391MT	390 $\pm$ 20%	1k, 0.3V	1.750	0.34
SWRH6D38S-471MT	470 $\pm$ 20%	1k, 0.3V	2.200	0.32
SWRH6D38S-561MT	560 $\pm$ 20%	1k, 0.3V	2.850	0.29
SWRH6D38S-821MT	820 $\pm$ 20%	1k, 0.3V	4.050	0.22
SWRH6D38S-102MT	1000 $\pm$ 20%	1k, 0.3V	5.700	0.20

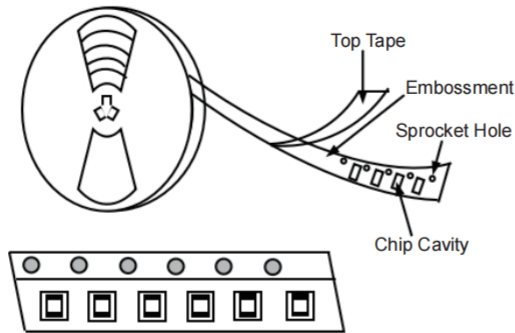


PACKAGING ///

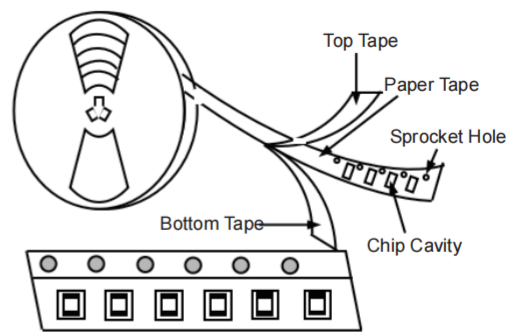
Packaging

TAPING DRAWINGS

◆ Embossed Tape



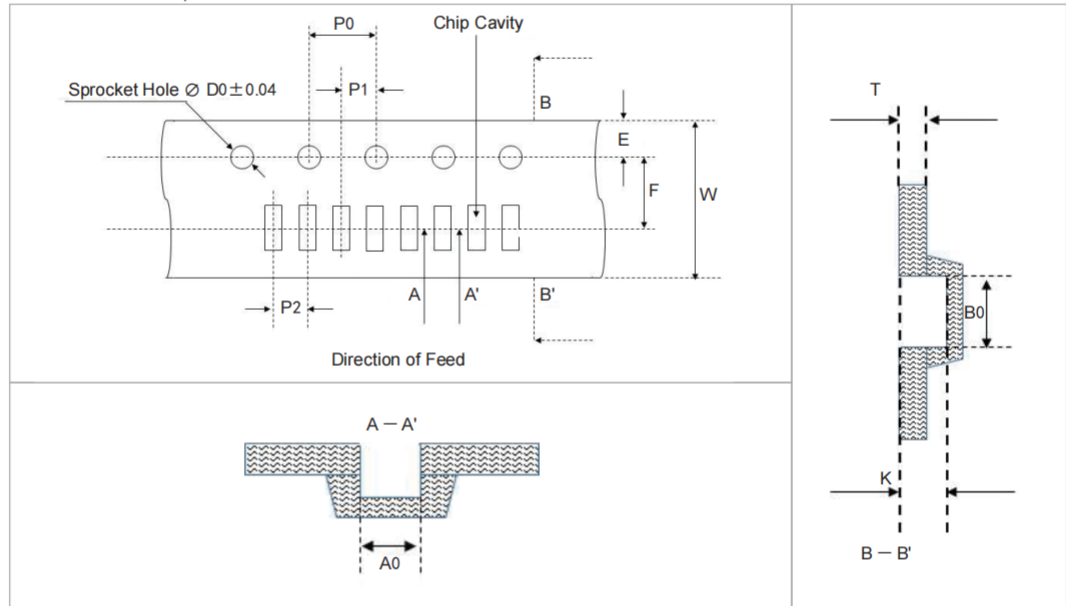
◆ Paper Tape



TAPING DIMENSIONS (Unit: mm)

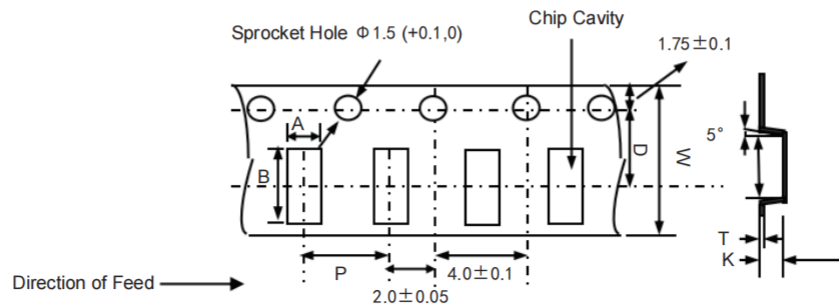
◆ Embossed Tape (4mm Wide Tape)

Plastic Tape



Type	Chip Thickness	A0	B0	T	W	K	P0	P1	P2	D0	F	E	Quantity (pcs/reel)
UHQ0402H-P01	0.2	0.24	0.44	2.0	4.0	0.24	2.0	1.0	1.0	0.80	1.8	0.9	40,000
HQ0402H-P01	0.2	0.24	0.44	2.0	4.0	0.24	2.0	1.0	1.0	0.80	1.8	0.9	40,000
UHQ0402SL-P01	0.2	0.24	0.44	0.2	4.0	0.27	2.0	1.0	1.0	0.8	1.8	0.9	30,000
HQ0201Q-P01	0.2	0.16	0.29	0.2	4.0	0.24	2.0	1.0	1.0	0.78	1.8	0.9	40,000
HQ0402Q-P01	0.3	0.24	0.44	2.0	4.0	0.35	2.0	1.0	1.0	0.80	1.8	0.9	30,000
SDCL0402Q-P01	0.23	0.24	0.44	2.0	4.0	0.27	2.0	1.0	1.0	0.8	1.8	0.9	30,000

Embossed Tape (8/12mm Wide Tape)

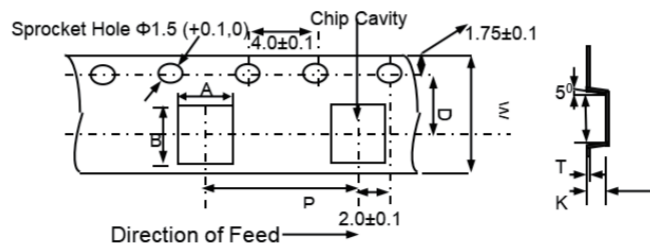


Packaging

Type	Chip Thickness	W	A	B	D	P	K Max.	T Max.	Quantity (pcs/reel)
MWSD2012FE	1.30	8.0	1.55	2.25	3.50	4.0	1.45	0.20	2,000
SDFL/MCL2012	1.25	8.0	1.55	2.25	3.50	4.0	1.45	0.30	3,000
MPH201209	0.80	8.0	1.55	2.30	3.50	4.0	1.45	0.30	3,000
MPH201210	0.90	8.0	1.55	2.30	3.50	4.0	1.45	0.30	3,000
MPH201214	1.20	8.0	1.55	2.30	3.50	4.0	1.75	0.30	3,000
MPH201610	0.90	8.0	1.90	2.30	3.50	4.0	1.45	0.30	3,000
MPH201612	1.10	8.0	1.90	2.30	3.50	4.0	1.45	0.30	3,000
MPH252010	0.90	8.0	2.30	2.80	3.50	4.0	1.45	0.30	3,000
MPH252012	1.10	8.0	2.30	2.80	3.50	4.0	1.75	0.30	3,000
SDFL3216	1.10	8.0	1.88	3.50	3.50	4.0	1.27	0.30	3,000
SDWL2012C/SDWL2012FW	1.55	8.0	1.88	2.40	3.50	4.0	1.35	0.22	2,000
SDWL2520C/SDWL2520FW	2.29	8.0	2.73	2.90	3.50	4.0	2.34	0.23	2,000
SDWL3216C/SDWL3216FW	1.52	12.0	2.40	3.80	5.50	4.0	1.6	0.3	2,000
SDWL3225C/SDWL3225FW	2.70	8.0	2.96	3.60	3.50	4.0	2.5	0.3	1,000
SPH201610/WPN201610	1.00	8.0	1.90	2.20	3.50	4.0	1.20	0.25	2,000
WPN201610P/S	1.00	8.0	1.90	2.20	3.50	4.0	1.20	0.25	3,000
WPN201612	1.20	8.0	1.90	2.20	3.50	4.0	1.40	0.25	2,000
SPH252010	1.00	8.0	2.45	2.75	3.50	4.0	1.20	0.25	2,000
SPH252012	1.20	8.0	2.45	2.75	3.50	4.0	1.55	0.25	2,000
SPH3010	1.00	8.0	3.30	3.30	3.50	4.0	1.40	0.25	2,000
SPH3015	1.50	8.0	3.30	3.30	3.50	4.0	1.90	0.25	2,000
WPN252010	1.00	8.0	2.45	2.75	3.50	4.0	1.20	0.25	2,000
WPN252010P/S	1.00	8.0	2.45	2.75	3.50	4.0	1.20	0.25	3,000
WPN252012/S	1.20	8.0	2.45	2.75	3.50	4.0	1.55	0.25	2,000
WPN3012	1.20	8.0	3.30	3.30	3.50	4.0	1.40	0.25	2,000
SWPA3010/WPN3010	1.00	8.0	3.30	3.30	3.50	4.0	1.40	0.25	2,000
SWPA3012/SPH3012	1.20	8.0	3.30	3.30	3.50	4.0	1.60	0.25	2,000
SWPA252010	1.00	8.0	2.35	2.65	3.50	4.0	1.20	0.25	2,000
SWPA252012	1.20	8.0	2.35	2.65	3.50	4.0	1.40	0.25	2,000
SWPA3015	1.50	8.0	3.30	3.30	3.50	4.0	1.90	0.25	2,000
HTF030208MP	0.80	12.0	1.90	3.50	5.50	8.0	1.10	0.30	900
WTH201612T	1.20	8.0	1.90	2.30	3.50	4.0	1.40	0.25	2,000
WTXE252012T	1.20	8.0	2.30	2.80	3.50	4.0	1.40	0.25	2,000
WTX322509T	0.90	8.0	2.80	3.50	3.50	4.0	1.20	0.25	2,000
WTX322510T	1.00	8.0	2.80	3.50	3.50	4.0	1.20	0.25	2,000
WTX322512T	1.20	8.0	2.80	3.50	3.50	4.0	1.40	0.25	2,000
WTXE322512T	1.20	8.0	2.80	3.50	3.50	4.0	1.40	0.25	2,000
WTXE323012T	1.20	8.0	3.40	3.60	3.50	4.0	1.40	0.25	1,000
MWTC160808S	0.80	8.0	1.10	1.90	3.50	4.0	1.10	0.30	3,000
MWTC1412065S	0.65	8.0	1.50	1.70	3.50	4.0	1.00	0.30	3,000
MWTC141208S	0.8	8.0	1.50	1.70	3.50	4.0	1.10	0.30	3,000
MWTC2012065S	0.65	8.0	1.50	2.30	3.50	4.0	1.00	0.30	3,000
MWTC201208S	0.80	8.0	1.50	2.30	3.50	4.0	1.10	0.30	3,000
MWTC201210S	1.00	8.0	1.50	2.30	3.50	4.0	1.30	0.30	3,000
MWTC201608S	0.80	8.0	1.90	2.30	3.50	4.0	1.10	0.30	3,000
MWTC201610S	1.00	8.0	1.90	2.30	3.50	4.0	1.30	0.30	3,000
MWTC252008S	0.80	8.0	2.30	2.80	3.50	4.0	1.10	0.30	3,000
MWTC252010S	1.00	8.0	2.30	2.80	3.50	4.0	1.30	0.30	3,000

Packaging

Embossed Tape (12/16/24/32mm Wide Tape)



Packaging

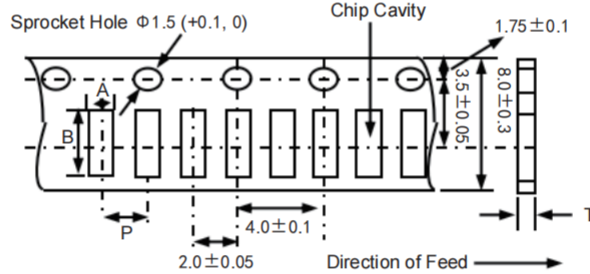
Type	Chip Thickness	W	A	B	D	P	K Max.	T Max.	Quantity (pcs/reel)
HTF060321H	2.10	16.0	2.75	5.80	7.50	8.0	2.50	0.40	2000
HTF070415H	1.50	16.0	5.10	7.60	11.5	8.0	1.70	0.30	3,000
HTF100424H	2.40	24.0	4.60	10.6	11.5	8.0	2.60	0.30	2,000
HTF100750H	5.0	24.0	7.20	10.2	11.5	12.0	5.65	0.45	650
HTF100846H	4.6	24.0	8.20	10.2	11.5	12.0	5.25	0.45	750
HTF130517H	1.70	24.0	5.30	13.5	11.5	8.0	1.90	0.30	2,000
HTF120840H	4.00	24.0	8.50	13.3	11.5	12.0	4.20	0.40	900
HTF030208MP	0.8	12.0	1.90	3.50	5.50	8.0	1.15	0.35	900
HTF090925MP	2.5	16.0	8.90	9.80	7.50	12.0	2.95	0.35	1700
HTF100760MP	6.0	24.0	7.6	10.4	11.5	12.0	6.6	0.45	750
HTF060524CL	2.40	16.0	5.30	6.30	7.50	12.0	3.10	0.40	1,500
WTX323020T	2.00	12.0	3.40	3.60	5.50	8.0	2.30	0.40	1,000
WTH0415T	1.50	12.0	4.50	4.50	5.50	8.0	1.90	0.40	3,000
WTH0420T/WTHE0420T	2.00	12.0	4.50	4.50	5.50	8.0	2.35	0.35	2,500
WTX0430T	3.10	12.0	4.50	4.50	5.50	8.0	3.30	0.40	2,000
WTX0614H	1.40	16.0	6.80	6.90	7.50	12.0	1.70	0.35	2,000
WTX0615T	1.50	16.0	7.00	6.80	7.50	12.0	1.80	0.40	2,000
WTX0624H	2.40	16.0	6.90	7.50	/	12.0	2.70	0.35	1,500
WTX0630H	3.00	16.0	6.90	7.40	5.50	12.0	3.40	0.35	1,500
WTX0717T	1.70	16.0	8.20	8.20	7.50	12.0	2.00	0.40	2,000
WTXE1330T	3.00	24.0	13.3	13.3	11.50	20.0	3.30	0.40	500
SWPA4010/WPN4010	1.00	12.0	4.30	4.30	5.50	8.0	1.40	0.35	5,000
SPH4012/WPN4012	1.20	12.0	4.30	4.30	5.50	8.0	1.60	0.35	4,500
SWPA4012	1.20	12.0	4.30	4.30	5.50	8.0	1.40	0.35	4,500
SWPA4018/SPH4018	1.80	12.0	4.30	4.30	5.50	8.0	2.10	0.35	3,000
SWPA4020/WPN4020	2.00	12.0	4.30	4.30	5.50	8.0	2.40	0.40	3,000
SWPA4030	3.00	12.0	4.30	4.30	5.50	8.0	3.20	0.40	2,000
SWPA5012	1.20	12.0	5.30	5.30	5.50	8.0	1.40	0.35	4,500
SWPA5020	2.00	12.0	5.40	5.40	5.50	8.0	2.20	0.35	2,500
SWPA5040	4.00	12.0	5.30	5.30	5.50	8.0	4.20	0.40	1,500
SWPA5045	4.50	12.0	5.30	5.30	5.50	8.0	4.70	0.40	1,500
SWPA6020	2.00	16.0	6.30	6.30	7.50	8.0	2.50	0.40	2,500
SWPA6028	2.80	16.0	6.40	6.40	7.50	8.0	3.30	0.40	2,000
SWPA6045	4.50	16.0	6.40	6.40	7.50	8.0	4.70	0.40	1,500
SWPA8040	4.00	16.0	8.35	8.35	7.50	12.0	4.40	0.40	1,000
SWPA8060	6.00	16.0	8.30	8.30	7.50	12.0	6.20	0.50	800
SWPA8065	6.50	16.0	8.30	8.30	7.50	12.0	6.70	0.50	700
WPZ04044S1	4.0/4.3	12.0	4.20	4.40	5.50	8.0	4.20	0.40	1,500
WPZ05057B1	6.50	16.0	5.30	5.40	7.50	12.0	7.50	0.5	600
WPZ05057S1	6.50	16.0	5.40	5.40	7.50	12.0	6.70	0.57	600
WPZ0606AF1	10.0	16.0	6.70	6.70	7.50	12.0	10.2	0.5	450
WPZ07074N1	4.00	16.0	7.20	7.50	7.50	12.0	4.40	0.5	1,000
WPZ07074S1	3.80	16.0	7.20	7.50	7.50	12.0	4.40	0.35	1,500
WPZ07075S1	5.00	16.0	7.30	7.30	7.50	12.0	5.30	0.5	800
WPZ0707BB1	11.0	24.0	7.10	7.20	11.5	16.0	11.2	0.5	300
WPZ09068S1	8.10	24.0	6.60	10.0	11.5	12.0	8.30	0.5	500
WPZ09069B1	6.6/6.4	24.0	6.70	9.90	11.5	16.0	9.40	0.5	400
WPZ09059F1	9.50	24.0	5.40	9.20	11.5	12.0	9.70	0.5	500
WPZ0906AB1/AS1/AF1	10.1	24.0	6.60	10.0	11.5	12.0	10.3	0.5	400
WPZ09074S1	4.00	24.0	7.70	9.70	11.5	12.0	4.20	0.5	1,000
WPZ09075S1	5.50	24.0	7.20	9.80	11.5	12.0	5.70	0.40	700
WPZ09079S1	9.00	24.0	7.70	9.70	11.5	16.0	9.30	0.5	400
WPZ1006CB1	12.0	24.0	6.40	10.4	11.5	12.0	12.2	0.5	400
WPZ1006CS1	12.0	24.0	6.30	10.3	11.5	12.0	12.3	0.5	400
WPZ10075B1	5.00	24.0	7.20	10.4	11.5	12.0	5.20	0.5	700
WPZ10075S1	5.20	24.0	7.40	10.4	11.5	12.0	5.70	0.5	700
WPZ10075M1	5.00	24.0	7.20	11.0	11.5	12.0	5.40	0.4	700
WPZ1007AS1	10.0	24.0	7.30	10.3	11.5	16.0	10.3	0.5	300

Packaging

Type	Chip Thickness	W	A	B	D	P	K Max.	T Max.	Quantity (pcs/reel)
WPZ1007AB1	10.2	24.0	7.20	10.2	11.5	16.0	10.3	0.5	300
WPZ1007CS1	12.0	24.0	8.10	10.9	11.5	16.0	12.2	0.5	300
WPZ10087S1	7.00	24.0	8.20	10.5	11.5	12.0	7.30	0.4	600
WPZ10087B1	7.50	24.0	8.20	10.6	11.5	12.0	7.80	0.4	600
WPZ10088S1	8.20	24.0	8.40	10.5	11.5	16.0	8.20	0.4	500
WPZ1104AS1	11.4	24.0	4.20	11.7	11.5	12.0	12.0	0.5	400
WPZ11068S1	8.10	24.0	6.40	10.9	11.5	12.0	8.50	0.5	500
WPZ11077S1	7.70	24.0	7.60	11.2	11.5	12.0	7.90	0.5	500
WPZ11119S1	9.00	24.0	11.2	11.2	11.5	16.0	9.50	0.5	300
WPZ12088S1	8.10	24.0	8.10	12.15	11.5	16.0	8.30	0.5	350
WPZ13083S1	3.00	24.0	8.70	13.6	11.5	12.0	3.30	0.35	1,200
WPZ13138S1	8.10	24.0	13.2	14.2	11.5	20.0	8.50	0.5	300
WPZ06065S1	5.30	16.0	6.60	6.60	7.50	12.0	5.60	0.4	800
WPZ10103S1	3.35	24.0	10.15	10.15	11.5	16.0	3.60	0.4	1,000
WPZ10106S1	6.00	24.0	10.3	10.3	11.5	16.0	6.20	0.5	550
WPZ16123S1	3.00	24.0	11.6	15.7	11.5	16.0	3.40	0.35	800
WPZ18113S1	3.00	32.0	11.6	18.2	14.2	16.0	3.30	0.4	800
WPZ0906AS2	10.0	24.0	6.60	10.0	11.5	12.0	10.3	0.5	400
WPZ0906BS2	11.4	24.0	6.60	9.80	11.5	12.0	11.6	0.5	400
WPZ1006CS2	12.3	24.0	6.50	10.5	11.5	12.0	12.5	0.5	400
WPZ1205CS2	12.0	24.0	5.30	12.3	11.5	16.0	12.3	0.5	400
WPZ1206AB2	10.0	24.0	6.20	12.2	11.5	12.0	10.2	0.5	450
WPZ1206BS2	11.1	24.0	6.20	12.2	11.5	12.0	11.4	0.5	400
WPZ1206BB2	11.1	24.0	6.20	12.2	11.5	12.0	11.4	0.5	400
WPZ1206CS2	12.1	24.0	6.20	12.2	11.5	16.0	12.3	0.5	400
WPZ1206CB2	12.1	24.0	6.20	12.2	11.5	16.0	12.3	0.5	400

Packaging

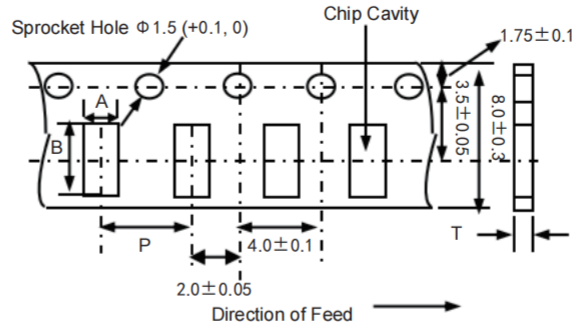
Paper Tape (8mm Wide Tape, 0402,0603, 0703, 0804&1005 Series)



Type	Chip Thickness	A	B	P	T Max.	Quantity (pcs/reel)
SDCL0603Q-T02B03/ SDCL0603Q-S02	0.30	0.40	0.70	2.0	0.55	15,000
SDCL/SDHL1005	0.50	0.65	1.15	2.0	0.80	10,000
SDCL0402H-T01/SDCL0402H-S01	0.20	0.24	0.44	2.0	0.35	20,000
HQ0402H-T01	0.20	0.24	0.44	2.0	0.35	20,000
HQ0402Q-T01	0.30	0.22	0.43	2.0	0.50	15,000
HQ0603H	0.30	0.36	0.66	2.0	0.42	15,000
HQ0603Q	0.40	0.36	0.68	2.0	0.50	15,000
MWSD0603C	0.40	0.50	0.62	2.0	0.60	10,000
MWSD0804C	0.40	0.50	0.92	2.0	0.60	10,000
MWSD1005CH	0.60	0.75	1.32	2.0	0.80	10,000
MWSD1005CP/ MWSD1005C-N	0.60	0.66	1.20	2.0	0.80	10,000
MWSD1005C/MWSD1005C-M	0.55	0.66	1.20	2.0	0.80	10,000
MWSD1005C-M8X	0.60	0.66	1.20	2.0	0.71	10,000
MWSD0603F	0.40	0.50	0.62	2.0	0.60	10,000
MWSD0703F	0.57	0.41	0.81	2.0	0.75	10,000
MWSD1005F/MWSD1005F-M01	0.55	0.66	1.20	2.0	0.71	10,000
SDFL1005	0.50	0.65	1.15	2.0	0.80	10,000
MWPH1005F/MWPU1005F	0.60	0.75	1.25	2.0	0.70	10,000

Packaging

Paper Tape (8mm Wide Tape)



Type	Chip Thickness	W	A	B	T Max.	Quantity (pcs/reel)
SDCL/SDHL1608	0.80	1.00	1.80	4.0	1.10	4,000
SDWL2012CP	1.50	2.00	2.60	4.0	0.30	2,000
MPH160805	0.50	1.00	1.80	4.0	0.80	5,000
MPH160806	0.55	1.00	1.80	4.0	0.80	5,000
MWSD1608C/ MWSD1608C-Y/ MWSD1608C-B/ MWSD1608F-Y	0.90	1.10	1.90	4.0	1.03	3,000
MWSD1608C-M01/S01	0.80	1.00	1.90	4.0	1.03	3,000
MWSD1608C-N	0.8	1.20	1.90	4.0	1.03	3,000
MWSD1608C-M8X	0.90	1.20	1.90	4.0	1.03	3,000
MWSD1608F/MWSD1608F-M01/ MWSD1608F-B01/B02	0.80	1.00	1.90	4.0	1.03	3,000
MWSD1608FE	1.00	1.30	1.90	4.0	1.12	3,000
SDFL/MCL/MPH160809	0.80	1.00	1.80	4.0	1.10	4,000
SDFL/MCL2012	0.85	1.50	2.3	4.0	1.10	4,000
MPH201205/MPH201206	0.55/0.60	1.55	2.30	4.0	0.80	5,000
MPHM160809	1.00	1.20	1.85	4.0	1.30	3,000
SDFL3216	0.85	1.90	2.3	4.0	1.10	3,000
MWPH1210	0.60	1.25	1.45	4.0	0.68	3,000

REEL DIMENSIONS (Unit: mm)

◆ UHQ0402H-P01/UHQ0402SL-P01/SDCL0402Q-P01/HQ0201Q-P01/HQ0402H-P01/HQ0402Q-P01 Series

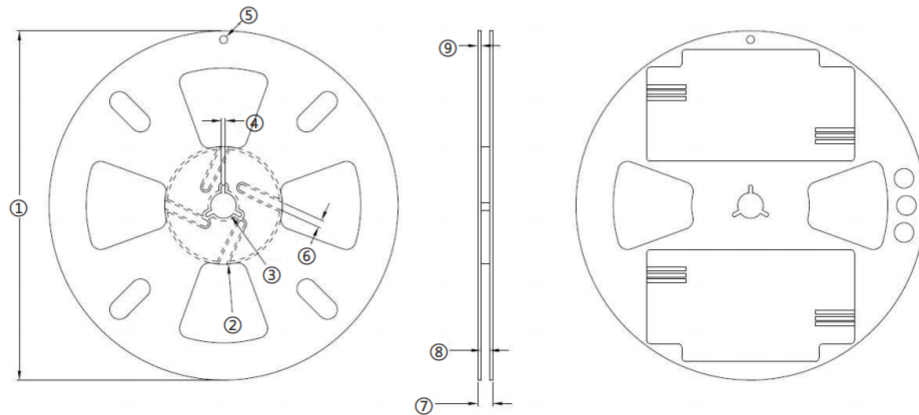


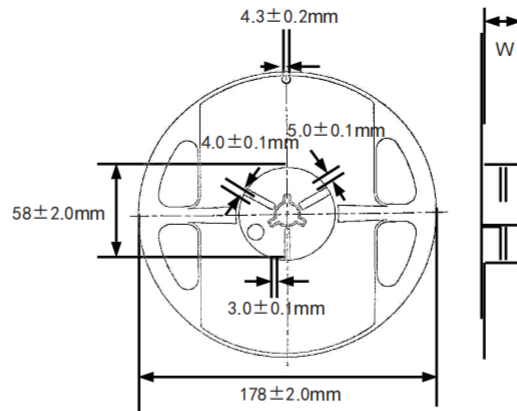
Table 6.1-2

Unit: mm

①	②	③	④	⑤	⑥	⑦
178 ± 1.0	60 ± 1.0	13 ± 0.3	2.0 ± 0.5	4 ± 0.2	4 ± 0.5	7.5 ± 1
						4.5 ± 0.5
						1.5 ± 0.3

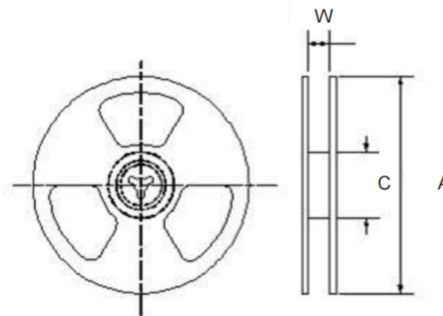
Packaging

- ◆ SDCL/SDHL/HQ/SDFL/MCL/MPH/MPHM/SDWL-C/SDWL-CP/MWSD-F/MWSD-F-M01/MWSD-C/MWSD-C-M/MWSD-C-M8X/MWSD-CH/MWSD-CP/SDWL-FWW/VPN2016/VPN2520/VPN30/SPH2016/SPH2520/SPH30/SWPA2520/SWPA30/MWTC/WTH201612T/WTXE252012T/WTX322509T/WTX322512T/WTXE322512T/WTXE323012T/WTXE323012T/MWPH-F/MWPU-F/HTF030208MP Series

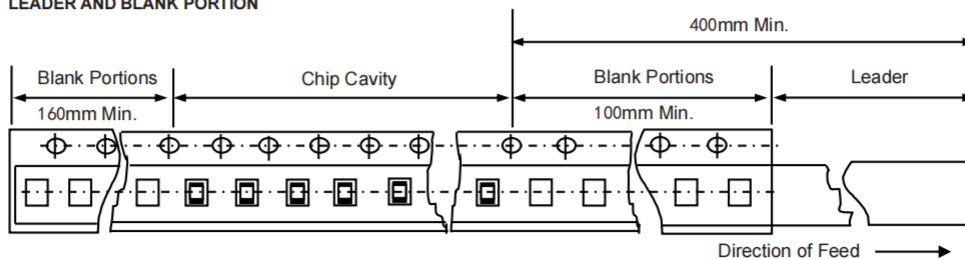


※For SDWL3216C/SDWL4532C/SDWL3216FW/MWPH-F/MWPU-F Series, W=10+1.5/-1.5mm; ; For others, W=8.4+1.5/-0.0mm.

- ◆ HTF060524CL/HTF0924CL/HTF070415H/HTF130517H/HTF120840H/HTF100424H/ HTF060321H /HTF100750H/HTF100846H/HTF030208MP/HTF090925MP/HTF100760MP/WTH04/WTHE04/WTX04/WTX0614H/WTX0615T/WTX0624H/WTX0630H/WTX0717T/WTXE1330T/VPN40/SPH40/SWPA40/SWPA50/SWPA60/SWPA80 Series

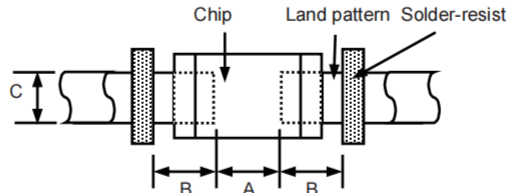


Type	Spec.	Dimensions(mm)		
		A	W	C
WTH04/WTHE04/WTX04/WTX0614H/WTX0630H/VPN40/SPH40/SWPA40	13***12mm	330	12.6	100
SWPA50	13***12mm	330	12.6	100
SWPA80/SWPA60/HTF060524CL	13***16mm	330	16.6	100
WTX0624H	13***16mm	330	17.0	97.5
WTX0615T/WTX0717T	13***17mm	330	17.2	100
HTF070415H	13***12mm	330	17.4	100
HTF130517H/HTF120840H/HTF100424H/HTF0924CL/HTF060321H/HTF100750H/HTF100846H/HTF030208MP/HTF090925MP/HTF100760MP	13***24mm	330	25.4	100
WTXE1330T	13***24mm	330	24.7	100

LEADER AND BLANK PORTION

Recommended Pcb Design For Smt Land-Patterns When chips are mounted on a PCB, the amount of solder used (size of fillet) can directly affect chip performance. Therefore, the following items must be carefully considered in the design of solder land patterns:

- (1) The amount of solder applied can affect the ability of chips to withstand mechanical stresses which may lead to breaking or cracking. Therefore, when designing land-patterns it is necessary to consider the appropriate size and configuration of the solder pads which in turn determines the amount of solder necessary to form the fillets.
- (2) When more than one part is jointly soldered onto the same land or pad, the pad must be designed that each component's soldering point is separated by solder-resist. Recommended land dimensions for a typical chip component land patterns for PCBs.



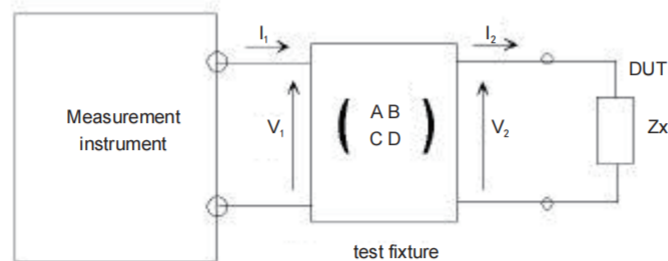
For re-flow soldering (unit: mm)

Type	A	B	C
SDCL0402H-01/HQ0402H/HQ0402Q/UHQ0402H/ SDCL0402Q-P01/UHQ0402SL-P01	0.15~0.19	0.18~0.22	0.18~0.22
SDCL0603Q/HQ0603Q/HQ0603H/SDCL0603Q-B03S01/ SDCL0603Q-S02	0.2~0.3	0.25~0.35	0.25~0.35
SDFL/SDCL/SDHL1005	0.45~0.55	0.40~0.50	0.45~0.55
SDFL/MCL/MPH/SDCL/SDHL1608	0.6~0.8	0.6~0.8	0.6~0.8
MWSD0603C	0.23	0.20	0.50
MWSD0804C	0.43	0.25	0.5
MWSD1005C/MWSD1005C-M/MWSD1005C-M8X/ MWSD1005CH/MWSD1005CP/MWSD1005C-N	0.5	0.35	0.65
MWSD1608C/MWSD1608C-M01/MWSD1608C-M8X/ MWSD1608F/MWSD1608F-M01/MWSD1608F-B01/ B02/ MWSD1608C-Y/ MWSD1608C-B/ MWSD1608F-Y/ MWSD1608C-N	0.64	0.64	1.02
SDWL2012CP/SDWL2012C	0.76~1.12	1.02	1.78~1.98
SDWL2520	1.27	1.02	2.54
SDWL3216	1.78	1.02	1.93
SDWL3225	1.78	1.02	3.02
SDWL4532	3.0	1.14	3.05
SDFL/MCL/MPH2012	0.8~1.2	0.8~1.2	0.9~1.6
MPH2016	0.8~1.2	0.8~1.2	1.2~2.0
MCL/MPH2520	1.0~1.4	0.6~1.0	1.8~2.2
MPHM1608	0.7	0.7	1.2
SDFL3216	1.8~2.5	1.0~1.5	1.2~2.0

Measurement Notice For RF Inductors

Measuring Method of Inductance

- ◆ Residual elements and stray elements of test fixture can be described by F- parameter as shown in the following:



$$\begin{bmatrix} V_1 \\ I_1 \end{bmatrix} = \begin{bmatrix} A & B \\ C & D \end{bmatrix} \begin{bmatrix} V_2 \\ I_2 \end{bmatrix}$$

$$\begin{bmatrix} V_1 \\ I_1 \end{bmatrix} = \begin{bmatrix} AV_2 + BI_2 \\ CV_2 + DI_2 \end{bmatrix}$$

**Measurement
Notice For RF
Inductors**Measured open impedance: $Z_{om} = \frac{A}{C}$ Measured short impedance: $Z_{sm} = \frac{B}{D} \approx -Z_{sc}$ (when uses short chip to short)Measured short ship impedance: Z_{sc} Measured value: $Z_{xm} = V_1 / I_1$ Impedance of DUT: $Z_x = V_2 / I_2$ ◆ The relation between Z_x and Z_{om} , Z_{sm} , Z_{xm} is shown in the following:

$$Z_x = \frac{V_2}{I_2} = \frac{D}{A} * \frac{\frac{V_1}{I_1} - \frac{B}{D}}{1 - \frac{V_1}{I_1} * \frac{C}{A}} = \frac{D}{A} * \frac{Z_{xm} - \frac{B}{D}}{1 - Z_{xm} * \frac{C}{A}} = \frac{D}{A} * \frac{Z_{xm} - Z_{sm}}{1 - Z_{xm} / Z_{om}}$$

◆ L_x should be calculated with the following equation:

$$L_x = \frac{\text{Im}(Z_x)}{2\pi f} = \frac{\text{Im}(Z_{xm} + Z_{sc})}{2\pi f} = \frac{\text{Im}(Z_{xm})}{2\pi f} + \frac{\text{Im}(Z_{sc})}{2\pi f} = L_{xm} + L_{sc}$$

 L_{xm} : Measured chip inductor inductance L_{sc} : Measured short chip inductance L_x : Nominal Inductance of chip inductor**Measurement
Notice For RF
Inductors**

Series	Compensation value
SDCL1005C	0
SDCL1608C	0
SDCL0603Q-B03	+0.43nH
SDCL0402H T01/SDCL0402H-S01	+0.11nH
SDCL0402Q-P01	+0.19nH
UHQ0402H-P01	+0.11nH
UHQ0402SL-P01	+0.19nH
HQ0402H-01	+0.11nH
HQ0402Q-01	+0.11nH
HQ0201Q-01	+0.19nH
HQ0603H-01	+0.48nH
HQ0603Q-01/SDCL0603Q-S02	+0.48nH
SDHL1005	0
SDHL1608	0
HQ1005	0
MWSD0603C	0
MWSD0804C	0
MWSD1005C/MWSD1005CP/CH/MWSD1005C-N	0
MWSD1608C/ SDWL2012CP/ MWSD1608C-Y/ MWSD1608C-B/ MWSD1608C-N	0
MWSD1608C-M01/MWSD1608C-M8X/	+0.771nH
MWSD1005C-M01 MWSD1005C-M11 MWSD1005C-M8X	+0.68nH
MWSD1608C-M01	+0.9nH

Compensation Value (L_{sc}) of Short Chip

**Measurement
Notice For RF
Inductors**

MWSD1608C-S01 Series

Series	Compensation value
MWSD1608C3N3 □ TS01	0.111
MWSD1608C3N6 □ TS01	0.231
MWSD1608C3N9 □ TS01	0.011
MWSD1608C4N7 □ TS01	0.301
MWSD1608C5N1 □ TS01	0.071
MWSD1608C5N6 □ TS01	-0.079
MWSD1608C6N8 □ TS01	-0.019
MWSD1608C7N5 □ TS01	0.201
MWSD1608C8N2 □ TS01	0.281
MWSD1608C8N7 □ TS01	0.221
MWSD1608C9N5 □ TS01	0.021
MWSD1608C10N □ TS01	-0.089
MWSD1608C11N □ TS01	0.321
MWSD1608C12N □ TS01	-0.189
MWSD1608C15N □ TS01	-0.369
MWSD1608C16N □ TS01	0.271
MWSD1608C18N □ TS01	-0.429
MWSD1608C22N □ TS01	-0.419
MWSD1608C23N □ TS01	-0.509
MWSD1608C24N □ TS01	0.401
MWSD1608C27N □ TS01	0.171
MWSD1608C30N □ TS01	-0.219
MWSD1608C33N □ TS01	-0.589
MWSD1608C36N □ TS01	-0.299
MWSD1608C39N □ TS01	-0.859
MWSD1608C43N □ TS01	0.231
MWSD1608C47N □ TS01	-0.769
MWSD1608C51N □ TS01	-0.949
MWSD1608C56N □ TS01	-1.299
MWSD1608C68N □ TS01	-1.739
MWSD1608C72N □ TS01	-1.089
MWSD1608C82N □ TS01	-1.909
MWSD1608CR10 □ TS01	-1.729
MWSD1608CR11 □ TS01	-2.829
MWSD1608CR12 □ TS01	-3.429
MWSD1608CR15 □ TS01	-4.429
MWSD1608CR18 □ TS01	-5.129
MWSD1608CR20 □ TS01	-4.629
MWSD1608CR21 □ TS01	-2.029
MWSD1608CR22 □ TS01	-5.229
MWSD1608CR25 □ TS01	-4.029
MWSD1608CR27 □ TS01	-4.329
MWSD1608CR33 □ TS01	-8.329
MWSD1608CR39 □ TS01	-13.329