



## Resistor Packaging

FILM CHIP PACKAGING							
SIZE	BLISTER TAPE ON REEL ACC. IEC 60286-3				BULK FEEDING MAGAZINE ACC. IEC 60286-6		
	TAPE WIDTH	DIAMETER	PIECES/REEL	PACKING CODE		PIECES/ MAGAZINE	CODE (1)
				PAPER (1)	BLISTER (1)		
0201	8 mm papertape	180 mm / 7"	10 000	P0 / RT7	-	-	-
		330 mm / 13"	50 000	PZ / RF4	-	-	-
0402	8 mm papertape	180 mm / 7"	10 000	P0 / RT7	-	-	-
		330 mm / 13"	50 000	PZ / RF4	-	50 000 (2)	MZ / B27
0603	8 mm paper- / blisertape	180 mm / 7"	5000	P5 / RT1	B5 / Na	25 000	MU / B27
		255 mm / 10"	10 000	P0 / RT5	-		
		330 mm / 13"	20 000	PN / RT6	BN / Na		
0805	8 mm paper- / blisertape	180 mm / 7"	5000	P5 / RT1	B5 / Na	10 000	MO / B27
		255 mm / 10"	10 000	P0 / RT5	-		
		330 mm / 13"	20 000	PN / RT6	BN / Na		
1206	8 mm paper- / blisertape	180 mm / 7"	5000	P5 / RT1	B5 / Na	-	-
		255 mm / 10"	10 000	P0 / RT5	-	-	-
		330 mm / 13"	20 000	PN / RT6	BN / Na	-	-
1210	8 mm paper- / blisertape	180 mm / 7"	5000	P5 / RT1	B5 / Na	-	-
		330 mm / 13"	20 000	PN / RT6	BN / Na	-	-
1218	12 mm blisertape	180 mm / 7"	4000	-	B4 / RT9	-	-
2010	12 mm blisertape	180 mm / 7"	4000	-	B4 / RO2	-	-
2512	12 mm blisertape	180 mm / 7"	2000	-	B2 / R67	-	-
			4000	-	B4 / R82	-	-

**Notes**

- (1) European / North American packing codes, n/a = not available
- (2) On request
- Further information about packing, see appropriate catalog or web page

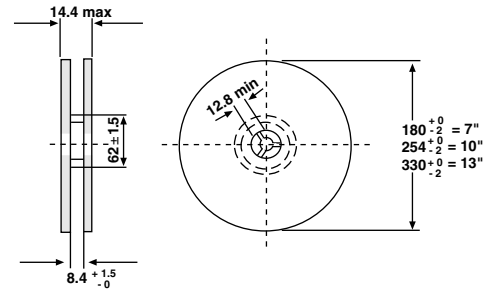
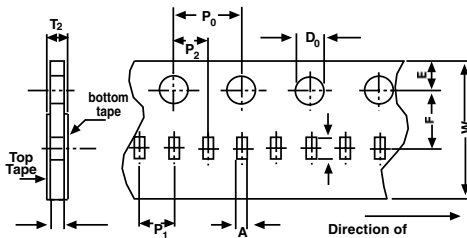
MELF PACKAGING				
SIZE	BLISTER TAPE ON REEL ACC. IEC 60286-3			
	TAPE WIDTH	DIAMETER	PIECES/REEL	PACKING CODE
0102	8 mm blisertape	180 mm	1000	B1 (1)
		180 mm	3000	B3
		330 mm	10 000	B0
0204	8 mm blisertape	180 mm	1000	B1 (1)
		180 mm	3000	B3
		330 mm	10 000	B0
0207	12 mm blisertape	180 mm	1500	BP
		330 mm	7500	BS

**Note**

- (1) For TCR ≤ 25 ppm/K and tolerance ≤ 0.25 % only

WIREWOUND PACKAGING (WSC, WSF, WSK, WSL, WSN, WSR, WSZ)							
SIZE	REEL			PACKAGING CODE		BULK	
	TAPE WIDTH	DIAMETER	MAXIMUM PIECES/REEL	LOOSE IN PLASTIC BAG			
				PAPER TAPE	BLISTER TAPE	MAXIMUM PIECES/BAG	CODE
0805	8 mm	180 mm / 7"	5000	RT1	-	5000	B43
1206	8 mm	180 mm / 7"	4000	-	R86	4000	B43
1506	12 mm	180 mm / 7"	4000	-	R86	2500	B43
2010	12 mm	180 mm / 7"	4000	-	R86	2500	B43
2012	12 mm	330 mm / 13"	2000	-	R86	1000	B43
2512	12 mm	180 mm / 7"	2000	-	R86	2000	B43
2515	16 mm	330 mm / 13"	2000	-	R86	1000	B43
3637	16 mm	330 mm / 13"	4000	-	R86	250	B43
4527	24 mm	330 mm / 13"	1200	-	R86	1000	B43
6927	32 mm	330 mm / 13"	725	-	R86	300	B43
7532	32 mm	330 mm / 13"	350	-	R86	300	B43
WSR2, WSR3	24 mm	330 mm / 13"	1500	-	R86	1000	B43

## 8 mm PAPER TAPE: 2 mm PITCH, CHIP STYLES



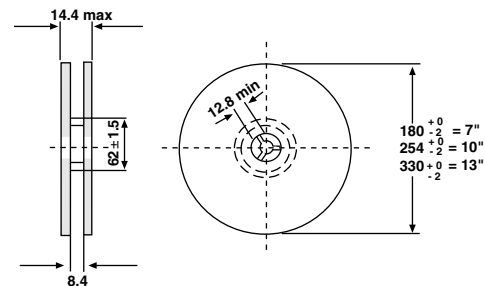
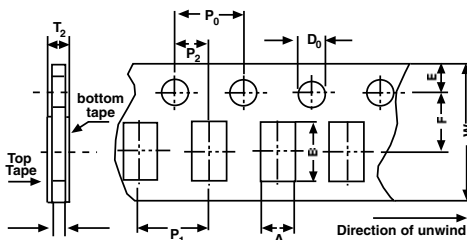
SIZE TOL.	A <sub>0</sub> ± 0.05	B <sub>0</sub> ± 0.05	D <sub>0</sub> + 0.1	P <sub>0</sub> ± 0.1	P <sub>1</sub> ± 0.05	P <sub>2</sub> ± 0.05	E ± 0.1	F ± 0.05	W ± 0.2	T <sub>2</sub> max.	T ± 0.05
0201 <sup>(1)</sup>	0.38	0.68	1.5	4.0	2.0	2.0	1.75	3.5	8.0	0.39	0.27
0402	0.65	1.15	1.5	4.0	2.0	2.0	1.75	3.5	8.0	0.5	0.4

### Notes

<sup>(1)</sup> Punched tape

- For further information regarding taping, see IEC 60286-3 and EIA 481-1, EIA 481-2

## 8 mm PAPER TAPE, CHIP STYLES

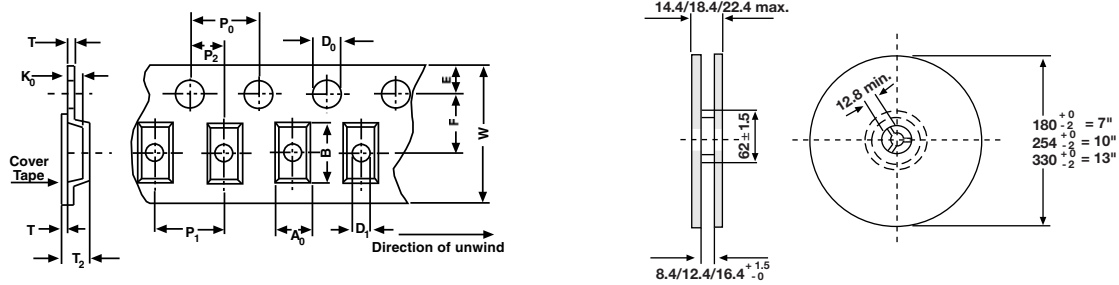


SIZE TOL.	A <sub>0</sub> ± 0.05	B <sub>0</sub> ± 0.05	D <sub>0</sub> + 0.1	P <sub>0</sub> ± 0.1	P <sub>1</sub> ± 0.05	P <sub>2</sub> ± 0.05	E ± 0.1	F ± 0.05	W ± 0.2	T <sub>2</sub> max.	T ± 0.05
0603	1.15	1.85	1.5	4.0	4.0	2.0	1.75	3.5	8.0	0.8	0.6
0805	1.65	2.4	1.5	4.0	4.0	2.0	1.75	3.5	8.0	0.85	0.6
WSL0805	1.65	2.4	1.5	4.0	4.0	2.0	1.75	3.5	8.0	0.85	0.6
1206	2.0	3.5	1.5	4.0	4.0	2.0	1.75	3.5	8.0	1.0	0.75
1210	2.8	3.6	1.5	4.0	4.0	2.0	1.75	3.5	8.0	1.0	0.75

### Note

- For further information regarding taping, see IEC 60286-3 and EIA 481-1, EIA 481-2

## 8 mm / 12 mm / 16 mm BLISTER CARRIER TAPE: CHIP STYLES

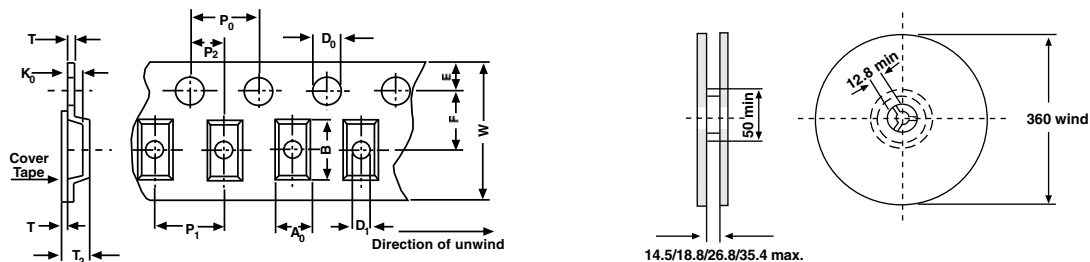


SIZE	A <sub>0</sub>	B <sub>0</sub>	D <sub>0</sub>	D <sub>1</sub>	P <sub>0</sub>	P <sub>1</sub>	P <sub>2</sub>	E	F	W	K <sub>0</sub>	T <sub>1</sub>	T <sub>2</sub>	T
TOL.	+ 0.1 / -0.05	+ 0.1 / -0.05	+ 0.1	max.	± 0.1	± 0.1	± 0.05	± 0.05	± 0.05	± 0.2	max.	max.	max.	max.
0603	1.1	1.85	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	0.65	0.1	0.9	0.25
0805	1.5	2.25	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	0.7	0.1	0.95	0.25
1206	1.9	3.5	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	0.85	0.1	1.1	0.25
WSL1206	1.91	3.51	1.5	1.0	4.0	4.0	2.0	1.75	3.51	8.0	0.69	0.1	1.09	0.3
WSL1506E	2.134	4.343	1.5	1.5	4.0	4.0	2.0	1.75	5.5	12.0	0.69	0.1	1.1	0.3
1210	2.8	3.6	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	0.95	0.1	1.25	0.3
1218	3.45	4.9	1.5	1.5	4.0	4.0	2.0	1.75	5.5	12.0	0.9	0.1	1.15	0.25
2010	2.8	5.6	1.5	1.5	4.0	4.0	2.0	1.75	5.5	12.0	0.9	0.1	1.2	0.3
WSL2010	2.79	5.38	1.5	1.5	4.0	4.0	2.0	1.75	5.51	12.0	0.69	0.1	1.09	0.3
WSL2010E	2.8	5.6	1.5	1.5	4.0	4.0	2.0	1.75	5.5	12.0	0.9	0.1	1.2	0.3
2512	3.55	6.85	1.5	1.5	4.0	4.0 / 8.0	2.0 / 4.0	1.75	5.5	12.0	0.9 / 0.8	0.1	1.2 / 1.1	0.3
WSL2512 / WSK2512	3.42	6.63	1.5	1.5	4.0	4.0 / 8.0	2.0 / 4.0	1.75	5.51	12.0	0.69	0.1	1.09	0.3
WSL2512E	3.55	6.85	1.5	1.5	4.0	4.0 / 8.0	2.0 / 4.0	1.75	5.5	12.0	0.9 / 0.8	0.1	1.2 / 1.1	0.3
WSL3637	9.6	9.9	1.5	1.5	4.0	12.0	2.0	1.75	7.5	16.0	0.9	0.1	1.4	0.4

### Note

- For further information regarding taping, see EIA 481-1, EIA 481-2

## 12 mm / 16 mm / 24 mm / 32 mm BLISTER CARRIER TAPE: WSC, WSF, WSN, WSR, WSZ



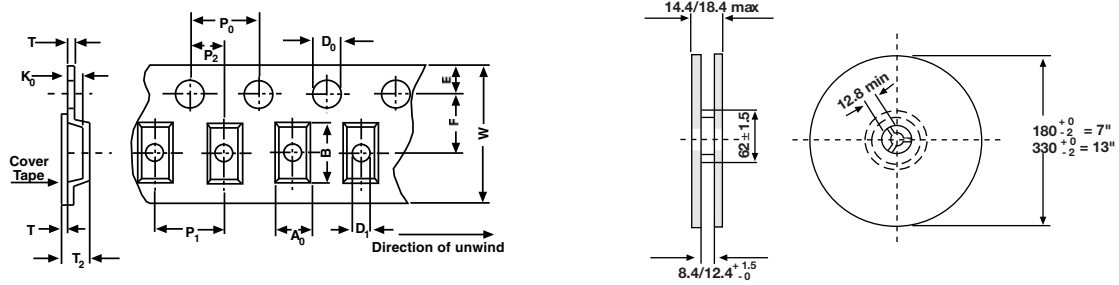
SIZE	A <sub>0</sub>	B <sub>0</sub>	D <sub>0</sub>	D <sub>1</sub>	P <sub>0</sub>	P <sub>1</sub>	P <sub>2</sub>	E	F	W	K <sub>0</sub>	T <sub>1</sub>	T <sub>2</sub>	T
TOL.	± 0.15	± 0.15	+ 0.1	max.	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1	± 0.3	max.	max.	max.	max.
2012	3.5	5.6	1.5	1.5	4.0	8.0	2.0	1.75	5.5	12.0	2.9	0.1	3.4	0.4
2515	4.3	7.1	1.5	1.5	4.0	8.0	2.0	1.75	7.5	16.0	3.4	0.1	3.9	0.4
4527	7.3	12.0	1.5	1.5	4.0	12.0	2.0	1.75	11.5	24.0	4.7	0.1	5.2	0.4
6927 <sup>(1)</sup>	7.5	18.3	1.5	2.0	4.0	12.0	2.0	1.75	14.2	32.0	7.6	0.1	8.1	0.4
WSZ7532 <sup>(1)</sup>	9.2	20.9	1.5	n/a	4.0	16.0	2.0	1.75	14.2	32.0	10.4	0.1	10.9	0.4
WSR2 / WSR3	7.4	12.1	1.5	1.5	4.0	12.0	2.0	1.75	11.5	24.0	2.9	0.1	3.4	0.4

### Notes

<sup>(1)</sup> 6927 and WSZ7532 pocket shapes are slightly different than shown; however, dimensions that are given are correct

- For further information regarding taping, see EIA 481-1, EIA 481-2, EIA 481-3

## 8 mm / 12 mm BLISTER CARRIER TAPE: MELF STYLES

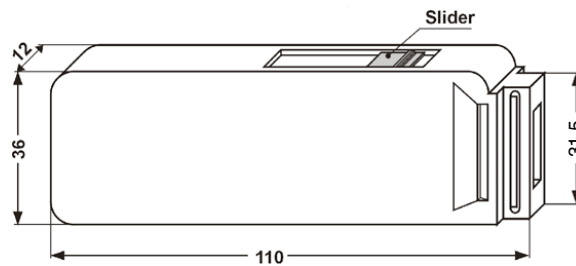


SIZE TOL.	A <sub>0</sub> + 0.1 / -0.05	B <sub>0</sub> + 0.1 / -0.05	D <sub>0</sub> + 0.1	D <sub>1</sub> max.	P <sub>0</sub> ± 0.1	P <sub>1</sub> ± 0.1	P <sub>2</sub> ± 0.05	E ± 0.05	F ± 0.05	W ± 0.2	K <sub>0</sub> + 0.1	T <sub>1</sub> max.	T <sub>2</sub> max.	T max.
0102	1.3	2.45	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	1.2	0.1	1.55	0.25
0204	1.3	3.65	1.5	1.0	4.0	4.0	2.0	1.75	3.5	8.0	1.5	0.1	1.85	0.25
0207	1.3	5.9	1.5	1.5	4.0	4.0	2.0	1.75	5.5	12.0	2.3	0.1	2.65	0.25

### Note

- For further information regarding taping, see EIA 481-1, EIA 481-2

## BULK CASE FOR CHIP STYLES



CHIP SIZE	PIECES/MAGAZINE
0402	50 000
0603	25 000
0805	10 000