

陶瓷瞬态电压抑制器 CTVS

卷带包装

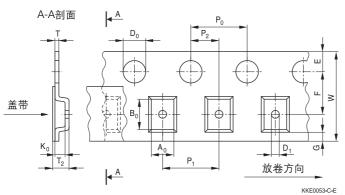
日期: 2016年2月

◎爱普科斯(上海)产品服务有限公司版权所有。在未获得爱普科斯(EPCOS)预先许可的情况下,禁止复制、发行和传播本出版物及其包含的信息。

爱普科斯(EPCOS)是TDK集团成员

1 SMD型元件的卷带包装

1.1 吸塑带包装(根据IEC 60286-3标准进行卷带包装)



尺寸 (mm)

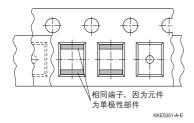
	8 mm 卷带					12 mm 卷带		
	外壳尺寸(英寸/mm)					外壳尺寸		公差
			0508/ 1220			(英寸/mm) 		
	0603/ 1608	0506/ 1216	0805/ 2012	1206/ 3216	1210/ 3225	1812/ 4532	2220/ 5750	
A_0	0.9 ±0.10	1.50	1.50	1.80	2.80	3.50	5.10	±0.20
B ₀	1.75 ±0.10	1.80	2.30	3.40	3.50	4.80	6.00	±0.20
K ₀	1.0 0.80 1.80			3.40		最大值		
Т	0.30			0.30		最大值		
T ₂	1.3 1.20 2.50			3.90		最大值		
D_0	1.50					1.50		+0.10/-0
D_1	0.3					1.50		最小值
P_0	4.00				4.00		±0.10 ¹⁾	
P_2	2.00					2.	.00	±0.05
P ₁	4.00				8.00		±0.10	
W	8.00				12.00		±0.30	
E	1.75				1.75		±0.10	
F	3.50				5.50		±0.05	
G	0.75				0.	.75	最小值	

¹⁾ 每10个链轮孔的距离公差≤±0.2 mm

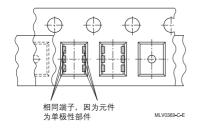


吸塑带凹槽中的部件朝向

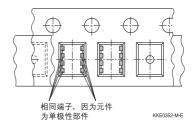
对于分立片状, EIA外壳尺寸为0603、0805、1206、1210、1812和2220



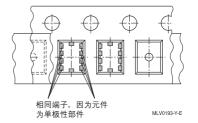
对于阵列式, EIA外壳尺寸为0506和1012



对于阵列式, EIA外壳尺寸为0612



对于滤波器阵列, EIA外壳尺寸为0508

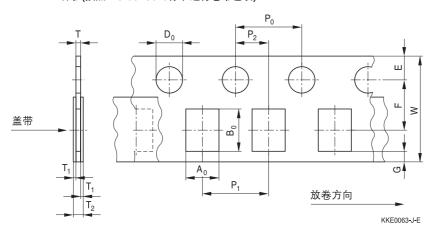


其它卷带包装信息

卷盘材料	聚苯乙烯 (PS)
- 卷带材料	聚苯乙烯 (PS) 或聚碳酸酯 (PC) 或PVC
- 卷带制动力	最小10N
	最小10N
上盖带剥离力	在300 mm/分钟的剥离速度下,8 mm卷带的剥离力 为0.1至1.0N,12 mm卷带的剥离力为0.1至1.3N
	在剥离过程中,上盖带与进给方向之间的夹角: 165°- 180°
	每个元件均包装在凹槽中,从而使元件与凹槽中心线 的角度 < 20°



1.2 纸带 (按照IEC 60286-3标准进行卷带包装)



尺寸 (mm)

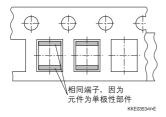
	8 mm卷带						
	外壳尺寸(英寸/mm) 外壳尺寸 (英寸/mm)						公差
	0201/0603	0402/1005	0405/1012	0603/1608	1003/2508	0508/1220	
A_0	0.38 ±0.05	0.60	1.05	0.95	1.00	1.60	±0.20
B_0	0.68 ±0.05	1.15	1.60	1.80	2.85	2.40	±0.20
Т	0.42 ±0.02	02 0.60 0.75 0.95 0.95 0.95					最大值
T ₂	0.4 min.	0.70	0.90	1.10	1.10	1.10	最大值
D_0	1.50 ±0.1	1.50 ±0.1 1.50 1.50					
P_0	4.00						±0.10 ²⁾
P_2	2.00						±0.05
P ₁	2.00 ±0.05						
W	8.00						±0.30
Е	1.75						±0.10
F	3.50						±0.05
G	0.75						最小值

²⁾ 每10个链轮孔的距离公差≤0.2 mm。

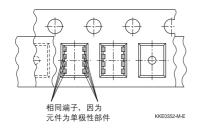


纸带凹槽中的部件朝向

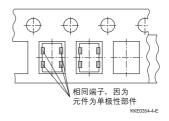
对于分立片状, EIA外壳尺寸为0201、0402、0603和1003



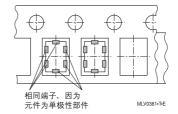
对于阵列式, EIA外壳尺寸为0508



对于阵列式, EIA外壳尺寸为0405



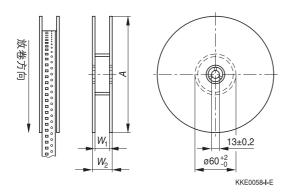
对于滤波器阵列, EIA外壳尺寸为0405



其它卷带包装信息

卷盘材料	聚苯乙烯 (PS)
卷带材料	卡纸
卷带制动力	最小10N
上盖带强度	最小10N
上盖带剥离力	在300 mm/分钟的剥离速度下, 剥离力为0.1至1.0N
卷带剥离角	在剥离过程中,上盖带与进给方向之间的夹角: 165°- 180°
凹槽	每个元件均包装在凹槽中,从而使元件与凹槽中心线的角度<20°

1.3 卷带包装

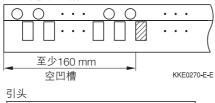


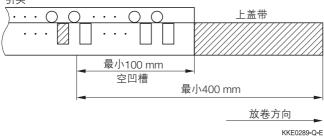
尺寸 (mm)

	8 mn	∩卷带	12 mm卷带		
	180-mm 卷盘	330-mm 卷盘	180-mm 卷盘	330-mm 卷盘	
A	180 +0/-3	330 +0/-2.0	180 +0/-3	330 +0/-2.0	
W ₁	8.4 +1.5/-0	8.4 +1.5/-0	12.4 +1.5/-0	12.4 +1.5/-0	
W_2	最大14.4	最大14.4	最大18.4	最大18.4	

引头,拖头

拖头 (卷带尾端)





1.4 分立片状和片状阵列的包装单位

外売尺寸 片状厚度 纸帯 吸塑帯 Ø180-mm巻盘 Ø330-mm巻盘 及寸/mm th W W 个 个 个		th			. 180 mm	330 mm
英寸/mm th W W 个 个 0201/0603 0.33 mm 8 mm - 15000 - 0402/1005 0.6 mm 8 mm - 10000 50000 0405/1012 0.7 mm 8 mm - 5000 - 0506/1216 0.5 mm - 8 mm 4000 - 0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 8 mm 3000 - 0605/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 13.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm - 8 mm 3000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.6 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000		 片状厚度	纸带	吸塑带	Ø 180-mm卷盘	Ø 330-mm卷盘
0201/0603 0.33 mm 8 mm - 15000 - 0402/1005 0.6 mm 8 mm - 10000 50000 0405/1012 0.7 mm 8 mm - 5000 - 0506/1216 0.5 mm - 8 mm 4000 - 0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 8 mm 3000 - 0612/1632 0.7 mm - 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 12000 1.4 mm - 8 mm 3000 12000 120/3225 0.9 mm - 8 mm 3000 <td></td> <td></td> <td>W</td> <td></td> <td>↑</td> <td></td>			W		↑	
0402/1005 0.6 mm 8 mm - 10000 50000 0405/1012 0.7 mm 8 mm - 5000 - 0506/1216 0.5 mm - 8 mm 4000 - 0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 8 mm 3000 - 0612/1632 0.7 mm - 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.4 mm - 8 mm 3000 - 1210/3225 0.9 mm - 8 mm 3000 - <			8 mm			
0405/1012 0.7 mm 8 mm - 5000 - 0506/1216 0.5 mm - 8 mm 4000 - 0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm 8 mm 3000 12000 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.4 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.4 mm - 8 mm 2000 <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>50000</td>				_		50000
0506/1216 0.5 mm - 8 mm 4000 - 0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 - - 0.9 mm - 8 mm 3000 12000 - 1003/2508 0.9 mm - 8 mm 3000 - - 1003/2532 1.0 mm - 8 mm 3000 - <td< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td></td<>				_		
0508/1220 0.9 mm 8 mm 8 mm 4000 - 0603/1608 0.9 mm 8 mm 8 mm 4000 16000 0612/1632 0.7 mm - 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - - 1.3 mm - 8 mm 3000 12000 - - 1.4 mm - 8 mm 3000 - - - 8 mm 2000 8000 - - - 8 mm 2000 8000 - - - 1.3 mm - 8 mm 2000 8000 - - - 1.3 mm - 1.3 mm - 1.2 mm				8 mm		_
0603/1608 0.9 mm 8 mm 8 mm 4000 16000 0612/1632 0.7 mm - 8 mm 3000 - 0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm - 8 mm 2000 - 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 2000 8000 1.4 mm - 8 mm 3000 12000 1210/3225 0.9 mm - 8 mm 3000 12000 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1000 - 1.6 mm			8 mm			_
0805/2012 0.7 mm - 8 mm 3000 - 0.9 mm - 8 mm 3000 12000 1003/2508 0.9 mm 8 mm - 4000 - 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.6 mm - 12 mm 1000 - - 1.6 mm - 12	0603/1608	0.9 mm	8 mm		4000	16000
0.9 mm - 8 mm 3000 12000 1003/2508 0.9 mm 8 mm - 4000 - 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - 1.4 mm - 8 mm 3000 12000 1812/4532 1.3 mm - 12 mm 1500 - 1.6 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 - 1.2 mm - 3000 - - 12 mm - 3000 - - 1.4 mm - 12 mm - 3000	0612/1632	0.7 mm	-	8 mm	3000	_
1.3 mm - 8 mm 3000 12000 1003/2508 0.9 mm 8 mm - 4000 - 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 2000 8000 1.6 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 - - 1.4 mm - 8 mm 2000 8000 - - 1812/4532 1.3 mm - 12 mm 1500 - - - 1.4 mm - 12 mm 1000 - <td>0805/2012</td> <td>0.7 mm</td> <td>_</td> <td>8 mm</td> <td>3000</td> <td>_</td>	0805/2012	0.7 mm	_	8 mm	3000	_
1003/2508 0.9 mm 8 mm - 4000 - 1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 2000 8000 1.4 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 - - 2.0 mm - 12 mm 1500 - - 1.4 mm - 12 mm - 3000 - 2220/5750 1.3 mm - 12 mm 1000 - - <		0.9 mm	_	8 mm	3000	12000
1012/2532 1.0 mm - 8 mm 2000 - 1206/3216 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 4000 - 2.0 mm - 12 mm - 3000 - 2220/5750 1.3 mm - 12 mm 1000 - - 1.6 mm - 12 mm - 3000 - - 2.0 mm - 12 mm - 3000 -		1.3 mm	_	8 mm	3000	12000
1206/3216	1003/2508	0.9 mm	8 mm	_	4000	_
1.3 mm	1012/2532	1.0 mm	ı	8 mm	2000	_
1.4 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1.6 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 4000 - 2.0 mm - 12 mm - 3000 - 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 - - 1.6 mm - 12 mm - 3000 - 2.0 mm - 12 mm - 3000 - 2.3 mm - 12 mm	1206/3216	0.9 mm	_	8 mm	3000	_
1.6 mm - 8 mm 2000 8000 1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1.6 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm - 3000 2.0 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -		1.3 mm	_	8 mm	3000	12000
1210/3225 0.9 mm - 8 mm 3000 - 1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - - 1.6 mm - 12 mm 1000 4000 - - 2.0 mm - 12 mm - 3000 - <			-	8 mm	2000	8000
1.3 mm - 8 mm 3000 12000 1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -		1.6 mm	_	8 mm	2000	8000
1.4 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -	1210/3225	0.9 mm	-	8 mm		_
1.6 mm - 8 mm 2000 8000 1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -		1.3 mm	-	8 mm		
1812/4532 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -			_	-		
1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -			_	-		8000
1.6 mm - 12 mm 1000 4000 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -	1812/4532		_			_
2.0 mm			_			-
2.3 mm - 12 mm - 3000 2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -			_		1000	
2220/5750 1.3 mm - 12 mm 1500 - 1.4 mm - 12 mm 1000 - 1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -		-	_		_	
1.4 mm	0000/5750		_		-	
1.6 mm - 12 mm 1000 - 2.0 mm - 12 mm - 3000 2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -	2220/5750	-	_			_
2.0 mm			_			_
2.3 mm - 12 mm - 3000 2.7 mm - 12 mm 600 -		_	_		1000	
2.7 mm – 12 mm 600 –		-	_		-	
			_			_
1 3.7 11111 1 - 1 2 11111 1000 -		3.0 mm	_	12 mm	600	_



2 引线式SHCV型压敏电阻的交货方式

SHCV型压敏电阻的标准交货模式为散装交货。应客户要求,可提供卷带包装式交货(AMMO包装或卷带包装)。

包装单位:

	个数
SR6	2000
SR1 / SR2	1000

关于此数据手册未列出的型号,请联系爱普科斯 (EPCOS)。