

SMD CRYSTAL UNITS

◆ SMD1612 Series 1.6*1.2 Seam Sealing Crystal



FEAYURES

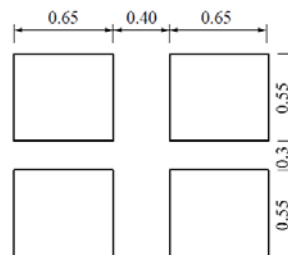
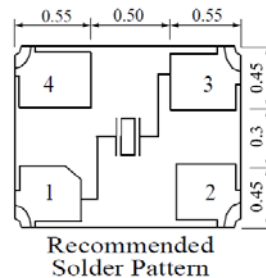
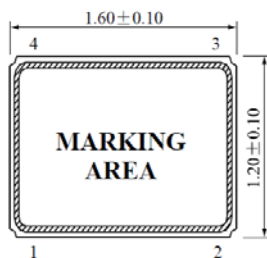
- Compact and thin (1.6*1.2*0.37mm max)
- Frequency range of 16 to 54M with Fund
- Ideal for Wearable device and Short-range Wireless module
- Lead-free.Meets the requirements for re-flow profiling using lead-free solder

◆ 标准规格 Electrical Specifica

Item	Type	SMD1612		
频率范围 Frequency Range (Fo)		24.000-29.999MHz	30.000-39.999MHz	40.000-54.000MHz
振动模式 Mode of Vibration		Fundamental		
负载电容 Load Capacitance (CL)		8-16pF		
调整频差 Frequency Tolerance $\Delta F/F_0$		$\pm 10\text{ppm}, \pm 20\text{ppm}, \pm 30\text{ppm}(\text{At } 25^\circ\text{C})$		
等效电阻 Equivalent Series Resistance ESR		100 Ω max	80 Ω max	60 Ω max
温度频差 Temperature Stability (TC)		$\pm 10\text{ppm}, \pm 20\text{ppm}, \pm 30\text{ppm}(\text{At } 25^\circ\text{C})$		
工作温度 Operating Temperature Range		-20~+70 $^\circ\text{C}$, -40~+85 $^\circ\text{C}$ Option		
贮存温度 Storage Temperature Range Tstg		-55~+125 $^\circ\text{C}$		
静态电容 Shunt Capacitance (Co)		3pF max.		
绝缘电阻 Insulator Resistance (IR)		500M Ω min.(At 100VDC)		
激励功率 Drive level (DL)		50 μW (100 μW max)		
年老化率 Aging (Fa)		$\pm 2\text{ppm}$ max.(At 25 $^\circ\text{C}$, First year)		
最小包装 Packing Unit		3000pcs/reel		

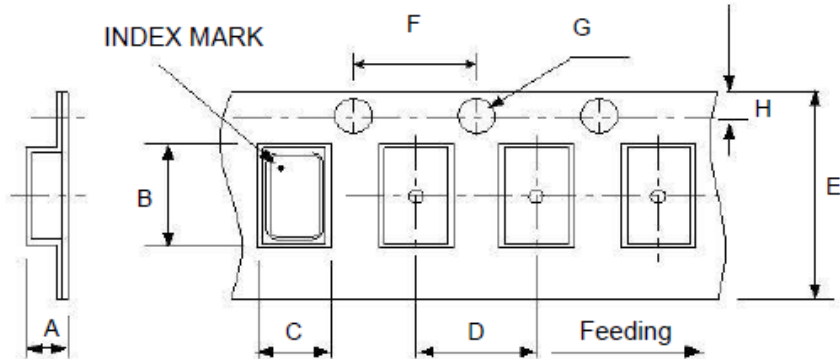
**Please contact us for inquiries regarding other Specificatinos

◆ 外型尺寸 Mechanical Dimensions(mm)



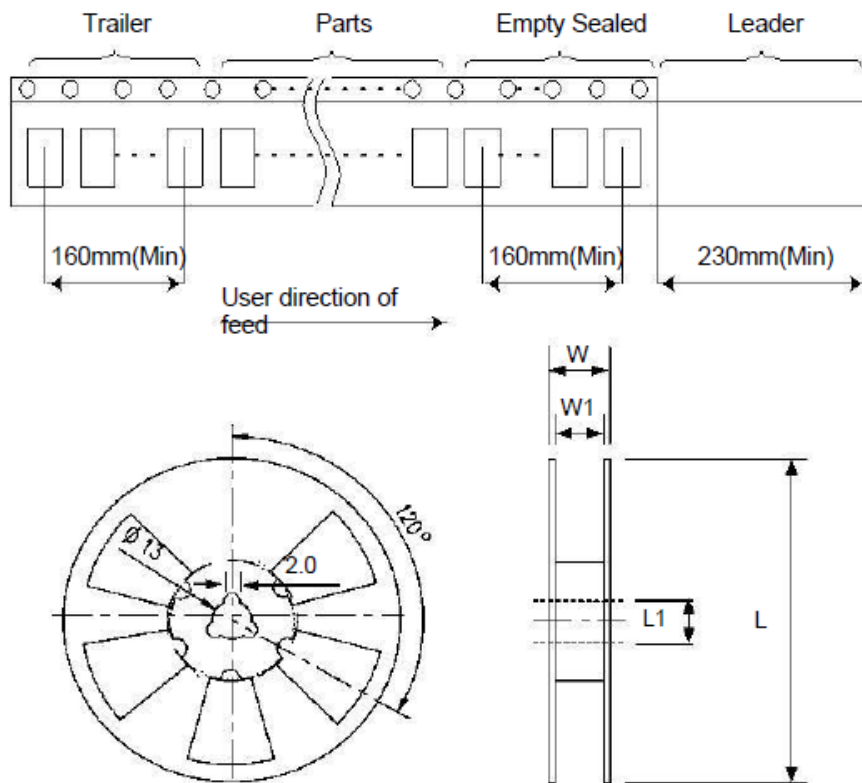
PACKAGE

■ PACKING : (EIA-481-2)



DIMENSIONS	A	B	C	D	E	F	G	H	(UNIT : mm)
	0.60	1.80	1.40	4.00	8.00	4.00	1.50	1.50	

REMARK :



DIMENSIONS	L	L1	W	W1	pcs / Reel (UNIT : mm)
	178	13	11.5	9.5	Standard Reel Quantity is 3,000 pcs per reel