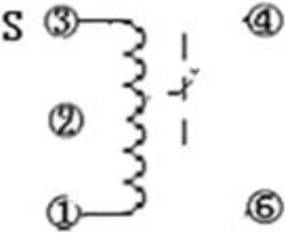
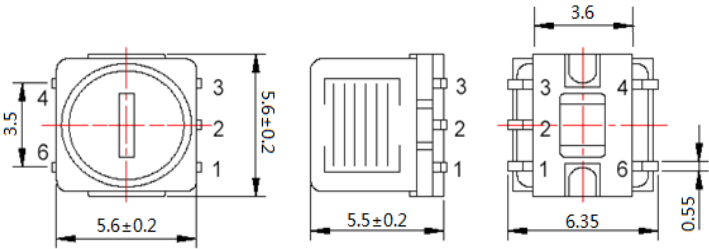
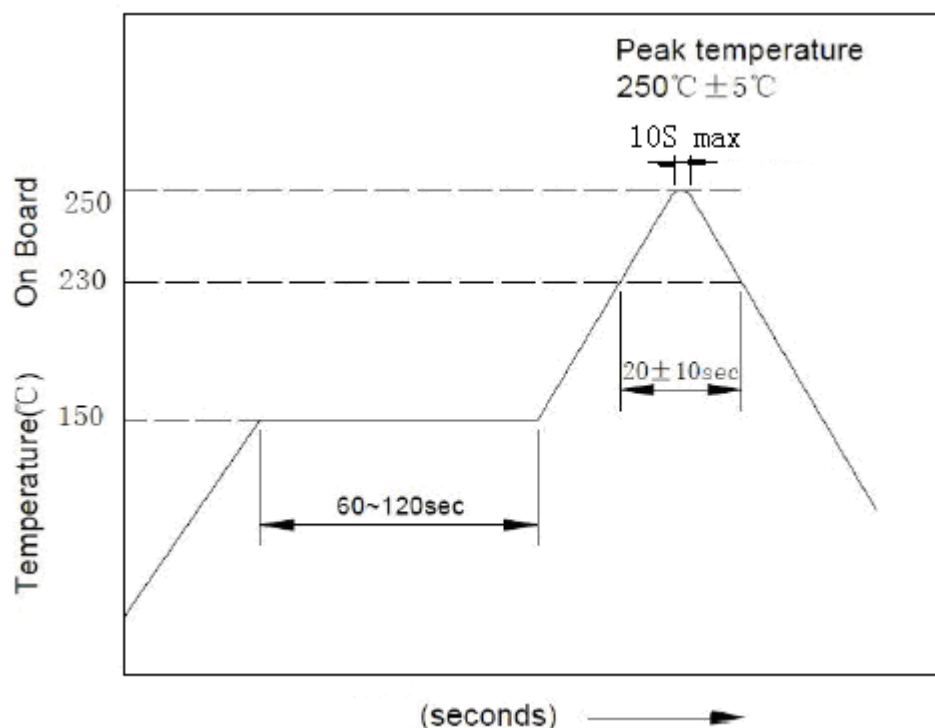


100V Specification Sheet

Customer Name	XXXX	CUST P/N	836AN-0120Z						
Approval No.	PD	Temstron P/N	TS-A836AN-0120Z						
Lot No.		Date	2025.11.07						
Series	VNMD55	Version	A1						
(1) Connection	(2) Size Diagram (Unit : MM)								
									
(3) Winding Info		(4) Electric Characteristics							
Items	N1	Frequency Variable	796 KHz	L ₁₃ :130UH±6%(Min)					
Winding	3-1	Unloaded(Q)		≥45					
Turns	74Ts	L location		3-1					
Wire	2UEW ϕ 0.07	Capacity(out)							
Color		Torque	45-300g/CM						
Print		Remark							
Operation Temp	-25℃ ~ +85℃	Operation Humidity	25% ~ 85%						
Storage Temp	-40℃ ~ +70℃	Storage Humidity	45% ~ 75%RH						
Note									
(5) Testing Data									
Test Frequency	796 KHz		Test Voltage	100V					
Test Temperature	23℃		Relative Humidity	65%					
Test Equipment	QBG-3E		Quantity	5PCS					
Electrical Character: L ₁₃ : 130 UH±6%(Min) Q≥45									
ITEM	L-Min.	L-Max.	Q		ITEM	L-Max.	L-Min.	Q	
1	98	159	65		6				
2	98	159	64		7				
3	98	159	63		8				
4	99	160	64		9				
5	98	160	65		10				
Average	98.2	159.4	64.2						
Approval		Supervisor			Designer				
C. K. Chang		M. Y. Chen			F.L.Lai				

Recommend Soldering Conditions Reflow Soldering

- Under 350 Degrees, Within 3 seconds, 2 Rounds -



Stability and Test Conditions

Item	Requirement	Test Method
MIL-STD-202G Method 108A *High Temperature Storage Test	1. No obvious appearance defects 2.Changes of inductance under 10% 3.Changes of Quality Factor under 30% 4.Changes of DC resistance under 10%	Temp:85±2°C; Time:96±2 hours, set the samples in room temp for 1 hour, test within 2 hours 