

SPECIFICATION FOR APPROVAL

Type No.	CY1Y-4N7			Specification		ϕ9 Y5V					
Proof Voltage	4KV/AC	Mark	HEL 222M ENEC VDE CQC cUL 400V~Y1		Climate Category	25/125/21		Tech Standard	ROHS		
Dimension (mm)	Dmax: 12.5		Lmin:20.0		Tmax:5.5						
	F: 10.0±1.5		Φ d: 0.58±10%								
Appearance Requirement											
Rated Capacitance and Tolerance			3760PF-5640pf				Testing Voltage: 5Vrms				
Dissipation Factor(DF) Dissipation Coefficient(Q)			≤ 1.0%				Testing Frequency: 1±0.2KHZ Temperature: 25℃±2℃				
Insulated Resistance(IR) (Between Two Leads)			≥10,000M Ω				Charge Voltage: Charge time: 60 sec.±5 sec.				
Soldering Capacity			Dip Soldering: 235±5℃, 2.0±0.5S, Depth of immersion: 1.5±0.2mm The soldering part can flow freely or flow in two minutes when the lead is wet. The soldering part should be more than 95%.								
Item	1	2	3	4	5	6	7	8	9	10	
Capacitance (PF)	4452	4408	4238	4311	4755	4560	4544	4237	4608	4384	
DF(Q Value)	0.29	0.32	0.35	0.32	0.28	0.28	0.28	0.33	0.35	0.28	
Proof voltage(KV)	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	4KV AC	
IR(M Ω)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Testing				Date: 8-May-21						Date: 8-May-21	