

SPECIFICATION FOR APPROVAL

COMMODITY	PK CHOKE	
ITEM	JPK 0708-363K	Green

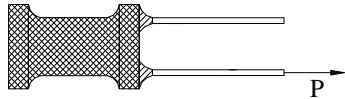
(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	8.5	MAX.
	B	9.5	MAX.
	C	16.0	±3.0
	D	0.65	±0.05
	E	5.0	±0.5
	F	3.0	MAX.
	G		
	H		
	I		
	J		

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	36 ± 10 %	mH	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer. <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	1	KHz	<input type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENTECH 101 L.C.R. Meter.
TEST VOLT	0.25	V	<input checked="" type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.
RDC	90.33 (max)	Ω	<input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.
Isat *1	0.04 (max)	A	
Irms *2	0.07 (max)	A	

REMARK :

1. Inductance drop = 10% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

Pb-FREE PRODUCTS

No	Item	Test Method & Conditions	Specification After Test
A . Mechanical Characteristics			
1	Operating Temperature	- 40 °C ~ + 125 °C (Including self - temperature rise)	
2	Storage temperature and Humidity range	- 10 °C ~ + 40 °C max. ; 70% RH max.	· at packing condition
3	Solder Heat Resistance	<ul style="list-style-type: none"> · Solder : M705E · Solder Temp : 260°C ± 5°C · Dip time : 6 sec 	<ul style="list-style-type: none"> · No Damage and No Abnormal on Surface · Inductance : Within ±10% of Initial Value · More than 75% of the terminal electrode should be covered and uniformity with solder
4	Solderability	<ul style="list-style-type: none"> · Solder : M705E · Solder Temp : 250°C ± 5°C · Dip time : 3 sec · Soldering : 2 times 	· More than 90% of the terminal electrode should be covered and uniformity with fresh solder.
5	Terminal Strength	<ul style="list-style-type: none"> · The terminal should not peel off.(Refer to figure as below) · The fixed end, another end clamps on pin-P, gives the pulling force. <p>Pin of ϕ 0.5 pulling : 0.8 Kgf 30 ± 5 sec Pin of ϕ 0.65 pulling : 1.2 Kgf 30 ± 5 sec Pin of ϕ 0.8 pulling : 1.5 Kgf 30 ± 5 sec Pin of ϕ 1.0 pulling : 2 Kgf 30 ± 5 sec</p> 	· Terminal and body must not be damage or separate

Pb-FREE PRODUCTS

No	Item	Test Method & Conditions	Specification After Test
A . Mechanical Characteristics			
6	Insulating Resistance Test	<ul style="list-style-type: none"> · Over 100MΩ at 100V D.C. between coil and core. 	<ul style="list-style-type: none"> · Impedance : Over 100MΩ
7	Dielectric Withstanding Voltage Test	<ul style="list-style-type: none"> · No dielectric breakdown at 100V D.C. for 1 minute between coil and core. 	<ul style="list-style-type: none"> · Appearance : no damage
B . Environmental Characteristics			
8	High Temp Resistance Test	<ul style="list-style-type: none"> · Operate Temperature : 125°C ± 3°C · Applied Current : per spec. · Time : 96 Hrs · Measure after exposure in the room temperature for 4 to 24 Hrs. 	<ul style="list-style-type: none"> · Appearance : no damage · Inductance : Within ±10% of Initial Value
9	Humidity Test	<ul style="list-style-type: none"> · Temperature : 40°C ± 2°C · Humidity : 95 ± 2% R.H. · Applied Current : per spec. · Time : 96 Hrs · Measure after exposure in the room temperature for 4 to 24 Hrs. 	<ul style="list-style-type: none"> · Appearance : no damage · Inductance : Within ±10% of Initial Value

