

Würth Electronics Midcom Inc.



Sample Test Data

INC# 64320		Sample Qty: 10		Date Code: 2209		Part Number: 750319738		Rev. 02		Date: 3/1/2022		Customer: Texas Inst.		
Parameter	Weight	INDUCTANCE	Q	INDUCTANCE (POST)	Q	SATURATION CURRENT	LEAKAGE INDUCTANCE	D.C. RESISTANCE	D.C. RESISTANCE	D.C. RESISTANCE	D.C. RESISTANCE	D.C. RESISTANCE	Dielectric	
		10kHz, 100mV/Ls	1-3	10kHz, 100mV/Ls	1-3	1-3	1-3	1-3	4-5	6-7	7-8	8-10	3-10	
PIN	-													
Tiles	-						(1+5, 6+7+8+10)							
Test Condition	-	10kHz, 100mV/Ls		10kHz, 100mV/Ls		10kHz, 100mV/Ls	100kHz, 100mV/Ls	20°C	20°C	20°C	20°C	20°C	3750VAC 1sec	
Test Equipment	-	WK 3260A	WK 3260A	WK 3260A	WK 3260A	ED-K DPG10-100A	WK 3260A	Hioki RM3544	Hioki RM3544	Hioki RM3544	Hioki RM3544	Hioki RM3544	Hypot 7705	
Unit	grams	µH		µH		A	µH	Ω	Ω	Ω	Ω	Ω	µA	
Upper Limit	-	946.0		946.0			24.0	0.147	0.068	0.024	0.040	500		
Lower Limit	-	774.0		774.0			1.238	0.121	0.056					
Max	11.775	871.8	69.2	871.0	69.2	1.080	10.6	0.134	0.062	0.015	0.036	148		
Min	11.550	837.2	66.0	838.7	66.7	1.020	9.0	0.133	0.062	0.015	0.036	139		
Sample No.														
13	11.651	863.6	67.2	863.8	67.0	1.060	10.1	0.134	0.062	0.015	0.036	148		
14	11.775	862.1	67.9	861.7	68.3	1.060	9.8	0.134	0.062	0.015	0.036	142		
15	11.645	871.5	68.7	871.0	68.7	1.020	9.0	0.134	0.062	0.015	0.036	143		
16	11.721	837.2	66.0	838.7	66.7	1.080	10.6	0.134	0.062	0.015	0.036	139		
17	11.722	868.9	68.8	863.1	67.9	1.060	9.5	0.134	0.062	0.015	0.036	148		
18	11.588	869.1	68.4	866.2	68.7	1.040	9.7	0.133	0.062	0.015	0.036	145		
19	11.663	871.8	68.6	868.9	68.6	1.040	9.6	0.134	0.062	0.015	0.036	141		
20	11.643	864.2	67.9	860.8	68.2	1.060	9.6	0.134	0.062	0.015	0.036	147		
21	11.758	864.2	67.6	860.6	68.1	1.060	9.5	0.134	0.062	0.015	0.036	141		
22	11.625	870.3	69.2	865.9	69.2	1.040	9.6	0.134	0.062	0.015	0.036	140		
Environment Condition														
Room Temperature : 25 ± 5°C														
* - Retain - MWVT														
** - Retain - MILG														
Tested/Prepared By:	RJW 3/1/2022	Checked By:	LW 3-1-2022	Designed By:	PLP	Approved By:	EJK 3/1/2022							Sheet 1 of 2

Würth Electronics Midcom Inc.



Sample Test Data

Parameter		Sample Qty: 10	Date Code: 2209	Part Number: 750319736	Rev: 02	Date: 3/1/2022	Customer: Texas Inst.
Parameter	Dielectric	T/R	T/R	T/R	Distributed Capacitance	Interwinding Capacitance	
	3-5	(3-1):(6-7)	(3-1):(6-7)	(3-1):(5-4)	2-1	3-10	
Test Condition	625VAC 1sec	10kHz, 100mV	10kHz, 100mV	10kHz, 100mV	10k-40MHz, 100mVAC	100kHz, 10mVAC	
Test Equipment	Hypot 7705	WK 3260B	WK 3260B	WK 3260B	Analyzer 4194A	WK 3260B	
Unit	µA				pF	pF	
Upper Limit	500	9.88	20.83	11.11	8.88		
Lower Limit		9.68	28.04	10.89	9.68		
Max	12	9.77	29.33	11.00	9.77	46.2	
Min	9	9.77	29.33	11.00	9.77	40.7	
Sample No.							
13	9	9.77	29.33	11.00	9.77	43.1	
14	12	9.77	29.33	11.00	9.77	46.2	
15	11	9.77	29.33	11.00	9.77	44.5	
16	10	9.77	29.33	11.00	9.77	44.2	
17	11	9.77	29.33	11.00	9.77	40.7	
18	10	9.77	29.33	11.00	9.77	41.4	
19	9	9.77	29.33	11.00	9.77	42.4	
20	10	9.77	29.33	11.00	9.77	42.1	
21	9	9.77	29.33	11.00	9.77	43.3	
22	10	9.77	29.33	11.00	9.77	43.6	
Environment Condition							Relative Humidity: n/a

Room Temperature : 25 ± 5°C

* - Retain - MWI
** - Retain - MILG

Tested/Prepared By: **RJW 3/1/2022** Checked By: **LW 3-1-2022** Designed By: **PLP** Approved By: **EJK 3/1/2022**