



ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max
INDUCTANCE (uH) L1,2 & L5,6 125KHz/0.5V (±10%)	7.65	8.5	9.35
INDUCTANCE (uH) L3,4 125KHz/0.5V (±10%)	6.75	7.5	8.25
Q-factor L1,2 & L5,6 125KHz/0.5V (±10%)		145	
Q-factor L3,4 125KHz/0.5V (±10%)		130	
DCR1,2&3,4&5,6 (Ω)		0.046	0.056

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE RANGE:
-20°C TO +105°C (INCLUDING SELF-HEATING).
2. STORAGE TEMPERATURE RANGE (PACKAGING CONDITIONS):
-10°C TO +40°C AND RH 75% (MAX.)
3. COIL: USTC LITZ WIRE 0.06X180 STRANDS.
4. NEED CPK>1.33.

PHYSICAL DIMENSIONS:

A	100	±	2.00
B	55.0	±	1.00
C	22.0	±	1.00
D	22.0	±	1.00
E	51.0	±	1.00
F	6.0	±	1.00
G	10.0	±	2.00
H	5.0	±	0.5
J	5.2		Max.
K1	2.0	±	2.00
K2	6.5	±	2.50

RoHS

DIMENSIONS ARE IN mm.				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
				Laird			
PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
SWC10051KJ080-715				P1	---	YC	
DATE:				SCALE:	MATERIAL:		
11/25/29				1:1	---		
P1	NEW RELEASE	11/25/19	YC	CAD #	TOOL #	---	
REV	DESCRIPTION	DATE	INT	SWC10051KJ080-715-P1			