

Sample Test Report & C.O.C

Report Number:	1
Customer Name:	Texas Instruments
Customer P/N:	
Payton P/N:	59023
Transformer Revision:	01
Drawing Rev. & Issue	REV: 00 ISSUE: B01
P.O. No.:	RYAN-2
Date Code&Qty:	15/49-10 Units
Total Quantity:	10 Units
Report Date:	
Inspector	E.Magidov
Supervisor	A.Timashov

Certificate Of Compliance

We certify that parts furnished on this order were produced in conformance with all applicable specifications and drawings referenced on/or furnished with the above purchase order.
Inspection records or other verifiable documentation of quality are on file and available for review by authorized personnel.

Test Level According to SQUEGLIA C = 0

Test		Code	A.Q.L	Size	Acp	Rej	Samp. Size
Regular	A	.01	All	0	1		100%
Regular	B	2.5	1-50	0	1		5 Units
Regular	B.	2.5	51-100	0	1		11 Units
Regular	C	10	1-10000	0	1		10 Units

* Sampling plan code B used for each tray (tray lot is max. 100 units) .

Test Definition	St. A	St. B	Notes
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MECHANICAL TESTS			
Visual test		A	
Marking		A	
Height	C	C	
Length	C	C	
Width	C	C	
Matching of ferrites		A	
Layout		A	
Length of the pins	C	C	
ELECTRICAL TESTS (AT ROOM TEMP.)			
Transformation Ratio and Polarity test.	C	A	
DC Resistance test	C	A	
Inductance test	A	A	
Leakage Inductance test 2	C	C	
Interwinding Capacitance test 2	C	C	
Breakdown Voltage test	C	A	

Notes : The following document represents only sampling test results.
All parts were tested in accordance with the above "Test Level" table.

Tests Results

Test Definition	Units	Test Tool	Final Test Requirements	Test Results For Sample No.				
				1	2	3	4	5
MECHANICAL TESTS								
Visual test		NA		OK	OK	OK	OK	OK
Marking		NA		OK	OK	OK	OK	OK
Height	mm	Caliber	18 Max.	16.04	16.05	16.05	16.06	16.06
Length	mm	Caliber	31 Max.	28.02	28.03	27.98	28	27.97
Width	mm	Caliber	26 Max.	25.01	25	25.04	25.06	25
Matching of ferrites		NA		OK	OK	OK	OK	OK
Layout		Fixture		OK	OK	OK	OK	OK
Length of the pins	mm	Caliber	3.8 Min.	4.5	4.5	4.5	4.5	4.5
ELECTRICAL TESTS (AT ROOM TEMP.)								
Transformation Ratio and Polarity test.	10 kHz; V(1 - 18)=180 mV; sh9&10;							
V(1-9)	mV	GR+Volt.	98-102	100.4	100.3	100.5	100.5	100.3
V(10-15)	mV	GR+Volt.	38-42	40.2	40.2	40.2	40.2	40.2
DC Resistance test								
R(1;2 - 8;9)	mOhm	M-ohm	2.5 Max.	1.83	1.81	1.79	1.79	1.84
R(10-18)	mOhm	M-ohm	.9 Max.	.77	.75	.76	.77	.75
Inductance test	100 kHz; 500 mv							
L(1-9)	μH	LCR	56 Min.	84.55	80.33	80.97	82.18	82.13
Leakage Inductance test 2	100 kHz; 5 mA; L(1-9)							
Sh (10-18)	μH	LCR	.16 Max.	.08	.07	.06	.06	.07
Interwinding Capacitance test 2	100 kHz; 0.25 V							
C(1-18)	pF	LCR	800 Max.	368	335	371	421	385
Breakdown Voltage test								
1 to 10 + Core	Vdc	HI-POT	500 Min.	OK	OK	OK	OK	OK
10 to core	Vdc	HI-POT	500 Min.	OK	OK	OK	OK	OK