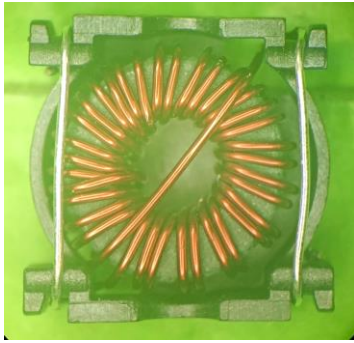





Product Change Notification

PCN Date:	11/4/2019		
Supplier Name:	Pulse Electronics		
Pulse PCN No.	19-019		
Description of Change	Standardize magnetic wire, change the wire color to Nature color from Red color, with same type of wire		
Reason for Change	Standardize magnetic wire to Nature color		
Summary of Changes	Before Change	After Change	
			
	<p>Standardize magnetic wire, Red wire to Nature wire (see the attached CPK data)</p> <p> P0146NL CPK report (R wire &</p>		
Traceability guidelines	By date code, Cutoff date code after use up the Red color magnetic wire		
Qualification Data	Not available		
Customer Part Number	<p>Pulse Part Number</p> <p> change R wire to N wire.xlsx</p>	<p>PCN Effectivity Date</p>	<p>Qualification Data</p>

Pls attach the P/N list (include T and non T P/N)	2019/12/5	Not available
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Customer: See attached list

Originator: David Lin

Phone: +86-13923403130 **E-mail:** Davidlin@pulseelectronics.com

Propose change R wire to N wire

No	FG P/N
1	P0146NL
2	P0148NL
3	P0150NL
4	P0151NL
5	P0153NL
6	P0463NL
7	P0465NL
8	P0467NL
9	P0468NL
10	PE-53604NL
11	PE-53606NL
12	PE-53608NL
13	PE-53611NL
14	PE-53808SNL
15	PE-53809SNL
16	PE-53810SNL
17	PE-53812SNL
18	PE-53813SNL
19	PE-53814SNL
20	PE-53815SNL
21	PE-53818SNL
22	PE-53819SNL
23	PE-53820SNL
24	PE-53821SNL
25	PE-53822SNL
26	PE-53826SNL
27	PE-53827SNL
28	PE-53828SNL
29	PE-53828SNL
30	PE-53829SNL
31	PE-53914NL
32	PE-68280NL
33	PE-68383NL

P0146NL CPK

DRAWING / SOFTWARE REVISION: N/A

SAMPLES SIZE: 50pcs

DATE: 1/6/2019

TEST ITEM: OCL (R wire)

OCL (N wire)

PIN NO.: (14-16)

(1-2)

TTEST CONDITION: 20KHZ 18mV

20KHZ 18mV

UNIT:	uH	uH
MAX SPEC.:	27.50	27.50
MIN SPEC.:	22.50	22.50
AVERAGE =	25.46	25.61
STD DEV =	0.59	0.37
MAX =	26.80	26.70
MIN =	23.90	24.80
Cpk Upper limit	1.16	1.69
Cpk Lower limit	1.68	2.77

DATA-----

1	26.60	25.30
2	26.10	26.10
3	25.10	25.80
4	25.9	26.20
5	25.70	26.00
6	24.9	25.20
7	25.80	25.60
8	25.20	25.50
9	25.00	24.90
10	24.40	25.70
11	24.60	25.40
12	24.40	26.10
13	25.30	26.10
14	25.80	25.60
15	26.10	25.30
16	25.50	25.80
17	25.50	26.20
18	25.90	26.70
19	25.20	24.80
20	25.30	25.20
21	26.80	25.60
22	25.40	25.90
23	25.60	25.20
24	25.20	25.40
25	25.50	25.80
26	26.10	25.30

27	23.90	25.30
28	26.40	25.10
29	25.50	25.80
30	25.70	25.60
31	25.50	25.40
32	24.90	26.20
33	26.20	25.60
34	25.60	25.50
35	25.20	25.70
36	25.10	25.40
37	24.70	25.40
38	25.70	25.90
39	25.50	25.70
40	25.10	25.30
41	25.80	25.80
42	25.40	24.80
43	24.60	25.30
44	25.60	25.50
45	24.70	25.70
46	25.80	25.70
47	25.30	25.90
48	25.50	25.70
49	26.10	25.70
50	26.5	25.60