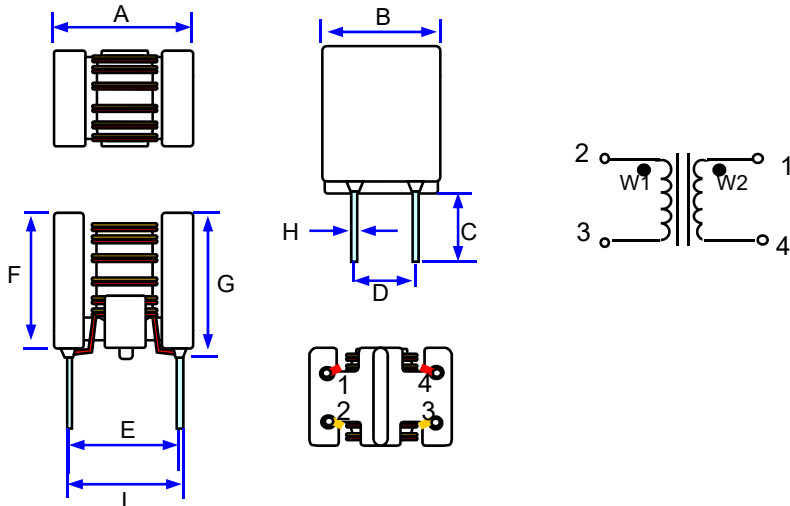


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.			
ITEM	Data Line Filters	Description	BCB2YN-450-10.5TS		
PART NO.	302-91947	DATE	2019.08.15		
(1) DIMENSION(UNIT:mm)					
			A	7.1 ± 0.5	mm
			B	7.0 (Max)	mm
			C	3.5±0.5	mm
			D	2.5± 0.5	mm
			E	5.0 ± 0.5	mm
			F	7.3 ± 0.5	mm
			G	9.3 (Max)	mm
			H	0.6 (REF)	mm
			I	5.6±0.4	mm
(2)ELECTRICAL REQUIREMENTS					
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS		
		VOLTAGE	LCR-METER:		
L _{1~4=2-3}	45μH ±40%	100KHz 0.1V	V	WK3260 TH2816B	
L _{1~4=2-3}	55μH ±40%	10KHz 0.25V	V	WK3260 TH2816B	
DCR _{1~4=2-3}	50mΩ (Max)	MHz V	V	RFIMPENDANCE/MATERIAL ANALYZER HP4263B	
IDC	1.0A (Max)	100KHz 0.1V	V	DC RESISTANCE METER: TH2816B+1320	
(4)TURNS: 12TS(REF)					
(5)MATERIAL LIST					
ITEM	MATERIAL	DESCRIPTION			
1	CORE	TW200 T4.4*2.5*2.8			
2	WIRE	Ø0.25mm×2 (2UEW) N+R			
3	BASE	B-013 (T375HF)			
4	VARNISH	BC-359			
REMARK:		APPROVED	CHECKED	DRAWN BY	
		姜杰文	姜法寶	王艷	

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TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:	0	Part No.	302-91947	Test Q'ty:	10	PCS				
CUST P/N.		Description:	BCB2YN-450-10.5TS	Date:	2019.08.15					
MEASURE ITEM	L100K	L10K	DCR	A	B	C	D	E	F	
	(μH)	(μH)	(mΩ)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
SPECIFIC	45μH	55μH	50.0	7.1	7.0	3.5	2.5	5.0	7.3	
SUGGEST	±40%	±40%	Max	± 0.5	Max	± 0.5	±0.5	±0.5	± 0.5	
1	42	50.2	40.2	7.26	6.25	3.26	2.49	4.98	7.06	
2	40	50.2	38.2	7.31	6.26	3.10	2.51	5.00	6.95	
3	38	49.5	39.6	7.20	6.28	3.08	2.49	4.94	7.20	
4	42	53.2	39.6	7.27	6.24	3.17	2.47	5.08	7.23	
5	40	50.2	40.2	7.25	6.25	3.23	2.41	5.04	7.12	
6	35	46.2	38.9	7.25	6.10	3.06	2.47	5.03	7.13	
7	37	48.5	40.3	7.25	6.25	3.24	2.49	4.99	6.99	
8	45	55.2	40.3	7.19	6.08	3.13	2.43	4.92	7.10	
9	42	52.3	40.2	7.33	6.25	3.16	2.53	4.89	7.19	
10	40	50.2	39.5	7.19	6.28	3.33	2.46	5.00	7.19	
X										
R										
TEST CONDITION	INSTRUMENTS:		WK3260					AT:	100KHz	0.1V
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%							
	STORAGE TEMPERATURE RANGE				-40℃~+85℃					
	OPERATING TEMPERATURE RANGE				-25℃~+85℃					
REMARK:						APPROVED	CHECKED	DRAWN BY		
						姜杰文	姜法寶	王艷		

MINGSTAR ELECTRONIC CORP.