

承認書



SPECIFICATION FOR APPROVAL

BEC Distribution Ltd

Customer:

Customer P/N:

Part Number:

Description:

Quantity:

Your Order No.:

Approved Sheet No.:

Date:

Lot No.:

MC152BCE100023

MC152BCE100023

Molded coils

10 PCS

102923

PD20230162-1

2023.10.05

20230162-1

Prepared By	Checked By	Approved By
P.H. Hong	M.Y. Chen	C.K.Chang
DATE:	2023.10.05	

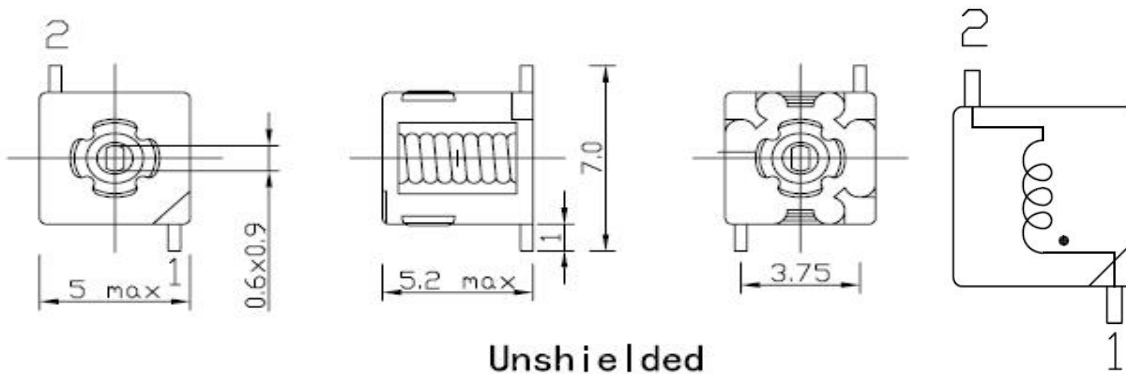
Approval Sheet Records

CUSTOMER	BEC	CUST P/N	MC152BCE100023			
DESCRIPTION	Molded Coils	Part Number	MC152BCE100023			
Item	Date	Page	Revised	Version	Sample App No	Remark
1	2023-10-19	/	Spec finish	REV.A1	PD20230162-1	

Specification

Customer	BEC	P/N	MC152BCE100023
Lot No	20230162-1	Date	2023.10.19

1) Dimension: (Unit : MM)



2) Connection :

Items	N1	N2	N3	N4	Color	Print
Winding	1-2				Black	
Turns	4.5Ts					
Wire	2UEW *0.50					

3) Electric Characteristics :

Frequency Variable	Unloaded(Q)	L location	Capacity(out)	Remark
100 MHz				
$L_{12} : 77 \text{ nH} \pm 20\%$	$115 \pm 20\%$	1-2		
Core material	Ferrite	Without case		

(1) .Touque: 45-300g/CM

(2) .Operation Temp: $45 \pm 2^\circ\text{C}$; Humidity: 90% ~ 95%.

(3) .Tempertaure Coefficient: $100 \pm 100 \text{ ppm}/^\circ\text{C}$

Testing Data

CUSTOMER	BEC		COLOR CODE	Black		
CUST P/N	MC152BCE100023		FORM	SMD		
P/N	MC152BCE100023		VERSION	A1		
Test Frequency	100MHz		Test Voltage			
Test Temperature	25°C		Relative Humidity	95%		
Test Equipment	4286A		Quantity	10 PCS		
Electrical Character : L ₁₂ : 77 nH ±20% Q ₁₂ =115±20%						
ITEM	L	Q				
1	73	118				
2	75	117				
3	73	110				
4	75	111				
5	80	113				
6	78	113				
7	81	118				
8	73	110				
9	80	117				
10	78	110				
Average	76.6	113.7				
DRAWN	P. H. Hong	CHECKED	M. Y. Chen	APPROVED	C. K. Chang	