

SPECIFICATION FOR APPROVAL

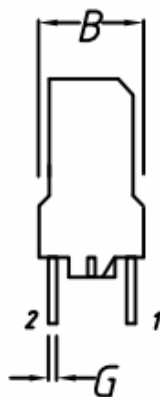
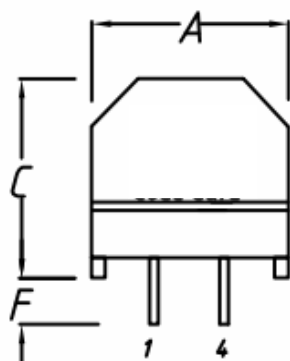
Customer:	
Cust.'s P/N:	FACM25CPV-102Y6R0
Product Name:	Common-mode inductors
Fusign P/N:	DLCME8102S
Version:	1.0
Date:	2018-09-27

Manufacturer		
Prepared	Checked	Approval
E i l e e n	J a c k	V i n c e n t

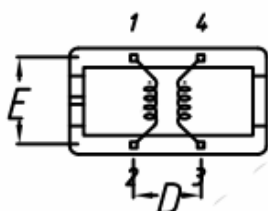
Authorized Signature

Customer:		Version:	1.0
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Description:	Common-mode inductors 1.0mH min	Date:	2018-09-27

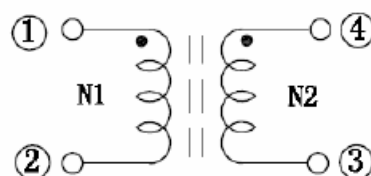
1.Configurations & Dimensions(m/m)



A:	33.00	Max
B:	18.00	Max
C:	36.00	Max
D:	12.50	Ref
E:	15.00	Ref
F:	4.00	Ref
G:	0.70	Ref



2.Schematic Diagram



3.Electric Characteristics

ITEM	SPEC	FREQUENCY	TEST INSTRUMENTS
L(mH)	1.0mH min	1.0KHz/0.25V	VR115
DCR	20mΩ(Max)		CH-502BC
IDC	6.0A max		TH2818+TH1755

TEMP: 25°C degree

HUMDITY: 65%

4.Material Lists

NO	Description	Material	Vendor
1	CORE	T22*14*8 R12K	
2	WIRE	2UEW ϕ 1.0*2P*12.5TS	
3	BASE	BG1331R	
4			
5			

Approval	Checked	Prepared
<i>Vincent</i>	<i>Jack</i>	<i>Eileen</i>

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5. Test Data

Test Item	L(mH)	DCR(mΩ)	IDC(A)	A mm	B mm	C mm	H mm	I mm
SPEC	1.0	20.0	6.00	33.00	18.00	36.00		
	Min	Max	Max	Max	Max	Max		
1	1.70	18.400	OK	32.400	17.600	35.400		
2	1.80	18.500	OK	32.500	17.800	35.500		
3	2.00	18.300	OK	32.400	17.700	35.400		
4	1.50	18.200	OK	32.500	17.800	35.300		
5	1.60	18.400	OK	32.500	17.700	35.400		
6	1.80	18.500	OK	32.300	17.600	35.500		
7	2.00	18.500	OK	32.400	17.800	35.400		
8	1.83	19.246	OK	32.500	17.800	35.300		
9	1.85	18.866	OK	32.300	17.700	35.500		
10	1.75	18.811	OK	32.400	17.800	35.400		
X	1.71	18.702	OK	32.473	17.755	35.464		
R	0.50	1.046	OK	0.200	0.200	0.200		

Test Equipment: VR115

Test Condition: Test Frequency: 1.0KHz/0.25V

TEMP: 25°C degree HUMDITY: 65%

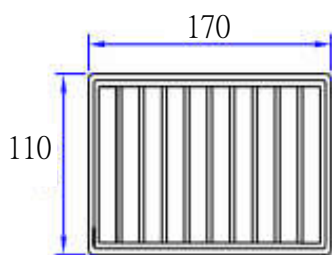
6. General Specification:

- Temperature Rise Current: $\Delta T + 30^{\circ}\text{C}$ TYP at Irms.
- Saturation Rated current: Inductance drop = 10% TYP, at Isat.
- Storage temp: -40°C ---- $+105^{\circ}\text{C}$
- Operating temp: -40°C --- $+125^{\circ}\text{C}$
- Resistance to solder heat: 260°C .10 secs.

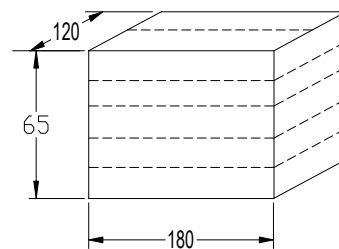
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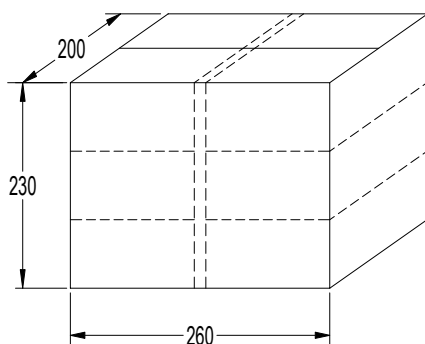
7.Packing



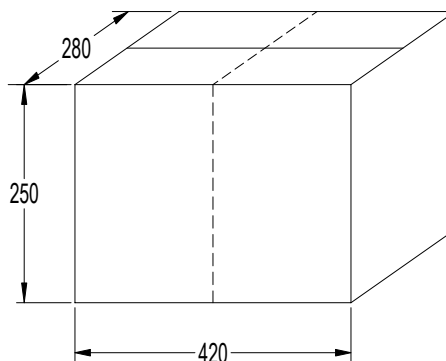
PC SIZE: 170*110m/m
QUANTITY: 16PCS/PC



INBOX SIZE: 180*65*120m/m
QUANTITY: 2PC/SMALL BOX



OUTBOX SIZE:260mm*200mm*230mm
QUANTITY:6 SMALL BOX/INN BOX



OUTBOX SIZE:420mm*280mm*250mm
QUANTITY: 2 INBOX/OUTBOX

Approval	Checked	Prepared
<i>Vincent</i>	<i>Jack</i>	<i>Eileen</i>