

CUSTOMER: **G20**

承認書

SPECIFICATION FOR APPROVAL

CUST. MODEL NO.:

CUST. PART NO.: **TC013**

PART NAME : COMMON MODE CHOKE

M.P. DESIGN NO.: G20-025-001

ISSUE DATE : 2009/7/13

承認簽章請寄回承認書一份

PLEASE RETURN TO US ONE COPY OF "SPECIFICATION
FOR APPROVAL" WITH YOUR APPROVED SIGNATURES

AUTHORIZED SIGNATURE

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SPECIFICATION FOR APPROVAL

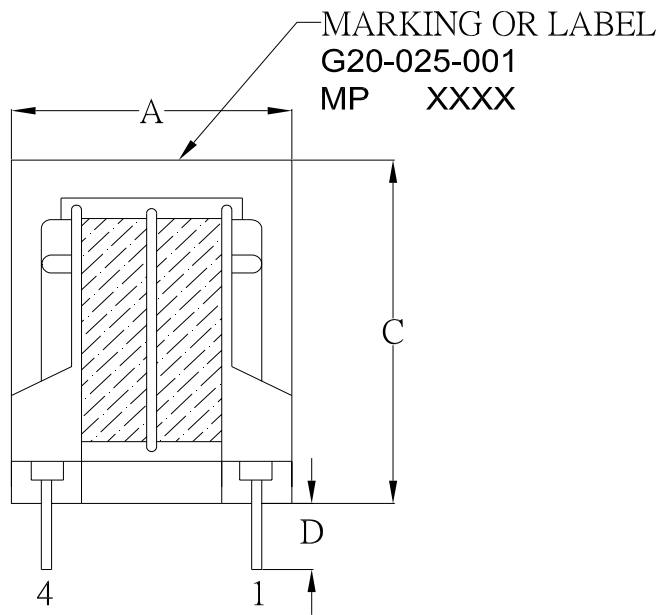
REVISIONS

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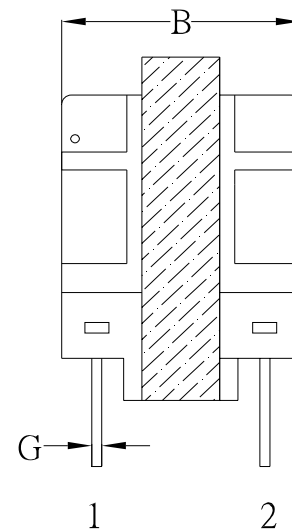
PART NAME: COMMON MODE CHOKE				PART NO.: TC013			
MODEL: EE25				DESIGN NO.: G20-025-001			
REV.	DATE	PAGE NO.	DESCRIPTION	APPROVED	CHECKED	DESIGNED	

PART NAME: COMMON MODE CHOKE	PART NO.: TC013
MODEL: EE25	DESIGN NO.: G20-025-001

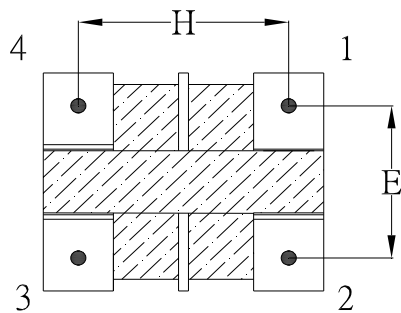
1. PHYSICAL DIMENSIONS (UNIT: m/m)



FRONT VIEW



SIDE VIEW

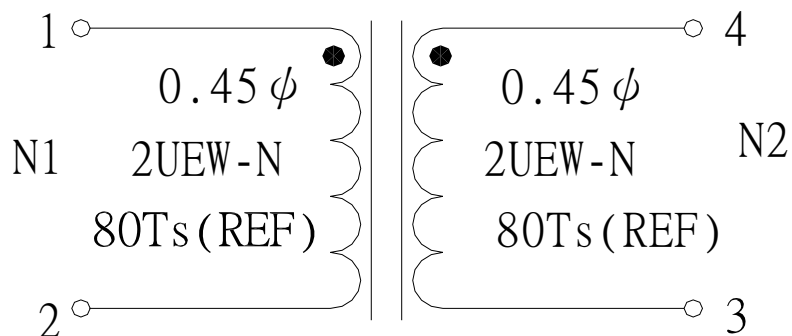


BOTTOM VIEW

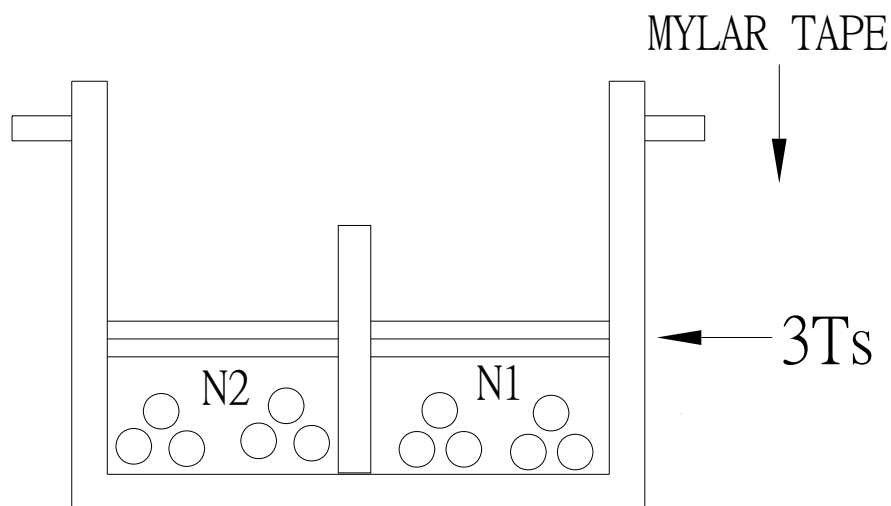
ITEM	UNIT:mm
A	21MAX
B	20MAX
C	27MAX
D	3.5±0.5
E	14±0.5
G	0.8±0.1
H	15±0.5

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2.SCHEMATIC:



3.WINDING CONSTRUCTION:



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4.ELECTRICAL CHARACTERISTICS:

4-1. INDUCTANCE: (AT 1KHz 0.25V)
L: (1-2):15mH $\pm 30\%$ L: (4-3): 15mH $\pm 30\%$

4-2. LEAKGE INDUCTANCE:

4-3. DCR: (AT: 25°C)
R: (1-2): 500m Ω MAX R: (4-3): 500m Ω MAX

4-4. HI-POT: (AT 50Hz 5mA 1MIN)
W-W:1.0KV AC W-C:0.5KV AC

4-5. INSULATION:
PRI-SEC/PRI-CORE/SEC-CORE. 100M OHM MIN. AT 500VDC

4-6. TEST EQUIPMENT : (OR EQUIVALENT)

- ☒ ZENTECH 9072A AC/DC WITHSTANDING VOLTAGE TESTER.
- ☒ ZENTECH 1062A PRECISION LCR METER
- ☒ ZENTECH 502AC MILLI OHM METER
- ☐ ZENTECH 102 LCR IMPEDANCE METER
- ☐ ZENTECH 9071A AC WITHSTANDING VOLTAGE TESTER
- ☐ ZENTECH 1310 BIAS CURRENT SOURCE
- ☐ ZENTECH 100 LCR METER
- ☐ ZENTECH 3250 AUTOMATIC TRANSFORMER TEST SYSTEM



5. MATERIAL LIST

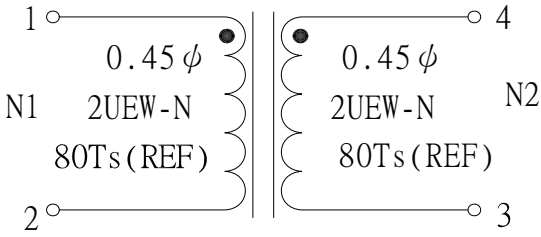
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REMARK:

TEST RECORD

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PART NAME: COMMON MODE CHOKE						PART NO.: TC013						
MODEL: EE25						DESIGN NO.: G20-025-001						
ITEM	L				DCR				HI-POT			
S~F	1-2	4-3			1-2	3-4			W-W	W-C		
UNIT	mH	mH			mΩ	mΩ			1.0KV	0.5KV		
SPEC	15	15			500	500			5mA	5mA		
STD	±30%	±30%			MAX	MAX			1MIN	1MIN		
1	14.6	14.6			416.5	420.3			OK	OK		
2	14.1	14.1			417.2	419.3			OK	OK		
3	14.3	14.3			417.7	417.0			OK	OK		
4	13.9	13.9			418.3	418.2			OK	OK		
5	13.3	13.4			419.3	419.1			OK	OK		
6												
7												
8												
9												
10												



TEST EQUIPMENT: ☐ ZM-102LCR ☒ ZM-1062ALCR ☒ ZM-502AC ☐ ZM-1310
☒ ZM-9072 ☐ ZM-3250 (L AT 1KHz 0.25V) (DCR AT:25℃)

REMARK:	APPROVED	CHECKED	DESIGNED