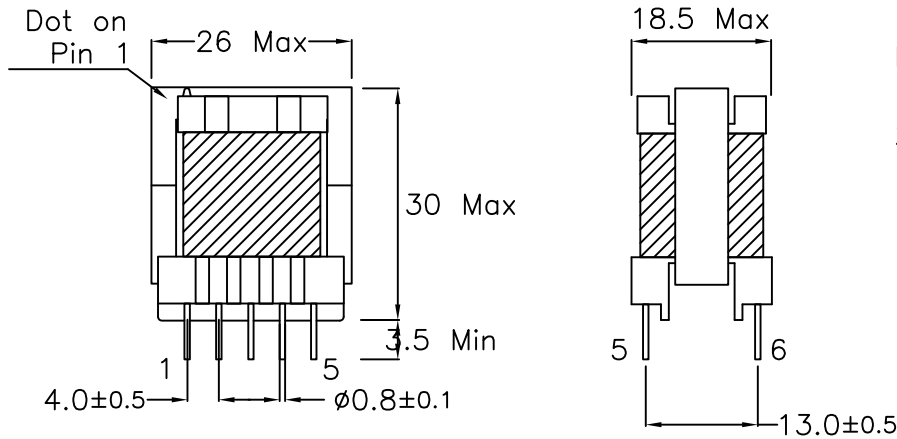


COMPONENT : TRANSFORMER 16.8W EE2507 (UEIL)

1) Mechanical Diagram



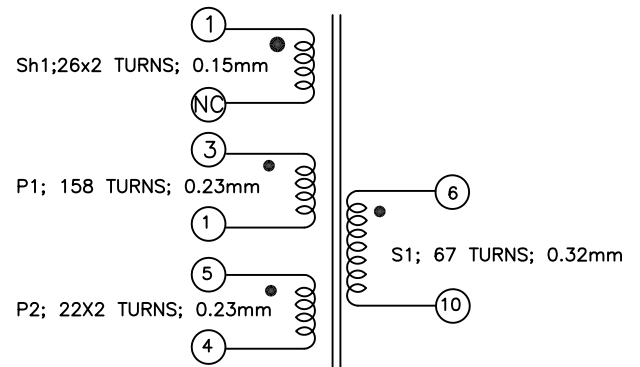
NOTE:

1. All Dimensions are in MM
2. Scale: N.T.S

2) Material Details

Sl.No.	Item	Material	Supplier of Material
1)	Core	Ferrite Core EE2507 N87 or Equivalent.	Cosmo Ferrites Ltd. DGP Hinoday Ltd. International Ferrites Ltd (Siemens) or equivalent
2)	Bobbin	Valox PBT 420-SE0 (Black) PBT B4406G6 Ultradur	G.E. Plastics Ltd. BASF or equivalent
3)	Wire	Polyurethane Enamelled Copper Wire (2UEW)	Ta win industries (M) SDN BHD. Hung Hsang Wire Mfg.Co. Hitachi Cable (S) Ltd. Sumitomo Electric (S) Pte. Ltd. Ta-Ya Electric Wire & Cable.Co. or equivalent
4)	Tape	Polyester Tape MY130 Scotch 1350	Symbio INC Minnesota Mining & Mfg. Co. Ltd. (3M) Chyun Yih Tape Co Ltd or equivalent
5)	Tube	Teflon Tube Polytetrafluoroethylene TFEL-LW-150	Zeus Industrial Products Inc. Shenzhen Woer Heat-shrinkable Material Co., Ltd or equivalent
6)	Varnish	BC-346A/AC-43	John C Dolph Co.Ltd. or equivalent
7)	Pins	CP Wire or equivalent	Teem Machinery Corp. or equivalent

3) Schematic Diagram:



4) Electrical Characteristics:

3.1) Inductance & DC Resistance:

PARAMETER	P1 3-1	P2 5-4	S1 6-10
INDUCTANCE @0.3V/1KHz.	922uH ±10%	18.6uH (ref)	187uH (ref)
DCR (MAX)	4Ω	285mΩ	995mΩ

3.2) Electric Strength Test (Hi-Pot Test) :

- a) Primary to Secondary1 & Secondary2 : 1.5KVAC/ 4mA/4sec.
- b) Winding to Core : 1.5KVAC/ 4mA/4sec.

DRAWN BY	APPROVED BY
DESIGN	HOD Design
18-07-2009	18-07-2009
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