

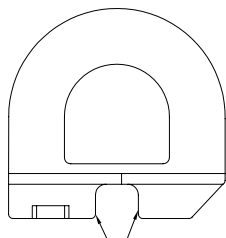


**TRANSFORMER BOBBIN
INDUSTRIAL CO.,LTD.**

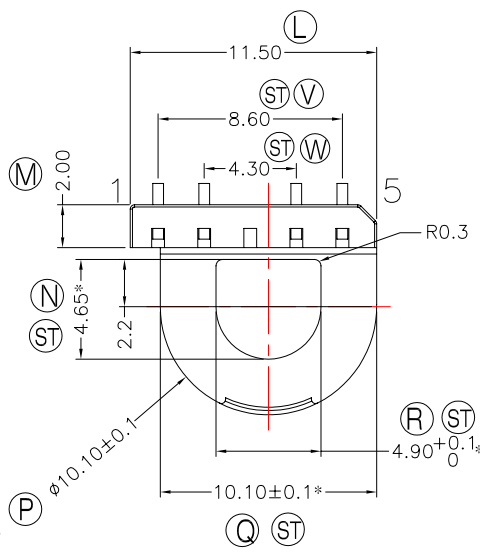
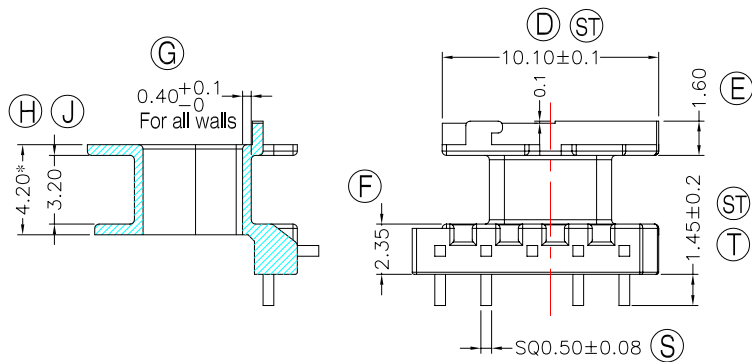
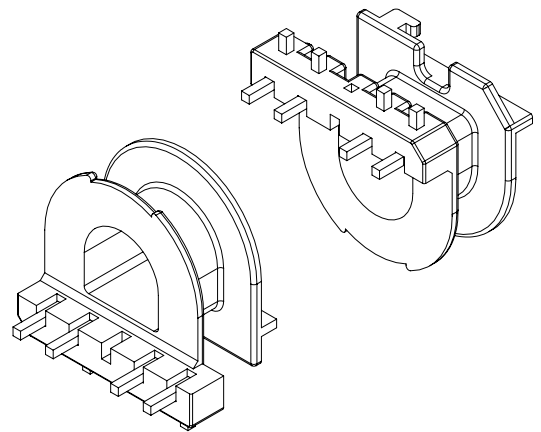
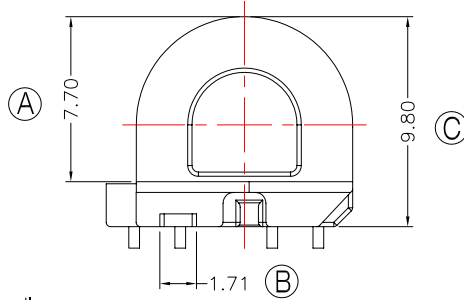
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REVISIONS

REV	SYM	DRAFTER	CHECKER	DATE
1		X.H.GU	G.F.YANG	05/26/12
2				
3				



0.05mm max flash
1 sample/cav/shlft Inspection



Notes:

- Pin Material: 1/2 or 3/4 hard CP WIRE
- Pins pull-out force > 1.5KGF after soldering (@400±10°C/1-3Sec).
- Unspecified draft angle to be 1(max), Radii to be R0.5.
- Part must be free of sink mark, weld line and any other molding imperfection.
- Part must be free of flash which is out of acceptable
Tolerance: ID cross flash 0.05(max) OD cross flash 0.1(max)
ID standup flash 0.1(max) parting line flash 0.05(max)
- This part must be molded using an U.L. approved process by an U.L. approved vendor.
- Pins should not be deformed or relaxed after soldering.
- Hole configuration can be altered as long as it will meet these two requirements:
Material: 5-8um Tin(Sn>99.9%) plated hot rolled steel or C.P. wire
- Palstic-HTNFR52G30NH should be 100% virgin material. No regrind is permissible.
- Resin should be dehumidified/dried on the container for 6HRS before injection.
- Dimensions marked with *** should meet Cpk of > 1.33.
- Dimensions identified as statistically tolerance by a symbol (ST) must have a Cpk value as follows:
1. > 1.33 for 0.2mm tolerance
2. > 1.0 for 0.1mm tolerance
3. > 0.5 for 0.05mm tolerance
- All future deliveries must be accompanied by an inspection report.
- Dimensions are indentified for inspection by being enclosed in an obround.
- Environmental substances requiremen:
(a): RoHS compliance 2002/95 /EC,
(b): PFOS & PFOA compliance 2006 /122 /EC,
(c): Halogen compliance: Cl < 900ppm, Br < 900ppm, Cl+Br < 1500ppm.
- Steam precondition 8 hours ± 15 Min ,the surface area of pin is more than 95% after soldering (@255±5°C/5+0/-0.5Sec).

DWG NO. EP13-5P-THL-A8-75

PART NO.	MATERIAL (BOBBIN)	MATERIAL (TERMINAL)	TERMINAL (PLATING)	PIN ALLOCATION	NOTE
TBI-203-03181.7506	HTNFR52G30NH(BK)	CP WIRE	Sn	ALL PIN	S
TBI-203-03181.7516	HTNFR52G30NH(BK)	CP WIRE	Sn	CUT PIN #3	H

TOLERANCE: 0 < L <= 5: ±0.1 5 < L <= 16: ±0.2 16 < L <= : ±0.3 Pin pitch: ±0.2

UNIT : m / m

SCALE 1 : 1

Finish: 1. PB wire Immersion Sn on terminal : Thickness: Sn plating, 100,5 μm (200 μ inches) min, Base nickel 0.625 μm (25 μ inches) min.
2. CP wire Immersion Sn on terminal : Thickness: Sn plating, 100,5 μm (200 μ inches) min.
3. Coplanarity deviation: 0.10 mm (0.004 inches) max.

REV 1