

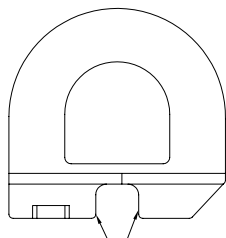


**TRANSFORMER BOBBIN INDUSTRIAL CO.,LTD.**

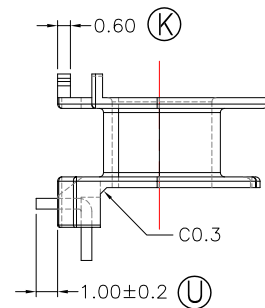
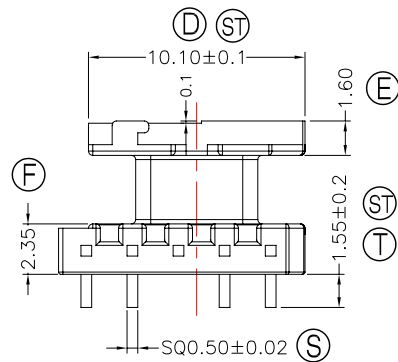
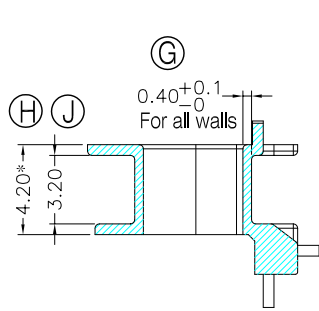
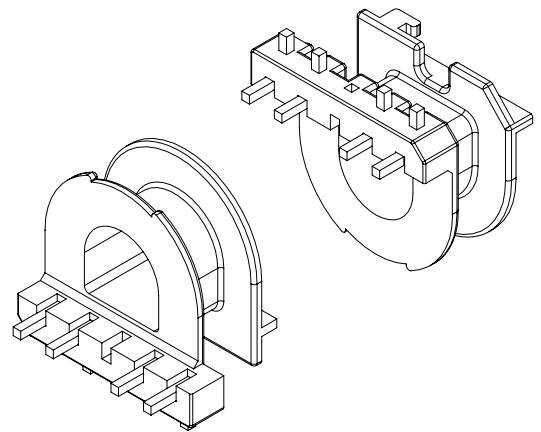
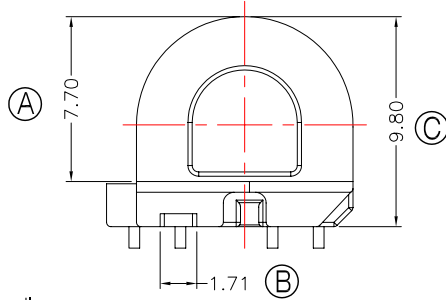
Tel : 86-769-88789999 Fax : 86-769-88789989  
 http:// tbi-tw.com e-mail : tb6688@ms46.hinet.net

REVISIONS

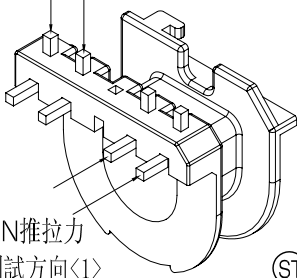
REV	SYM	DRAFTER	CHECKER	DATE
1		X.H.GU	G.F.YANG	05/26/12
2				
3				



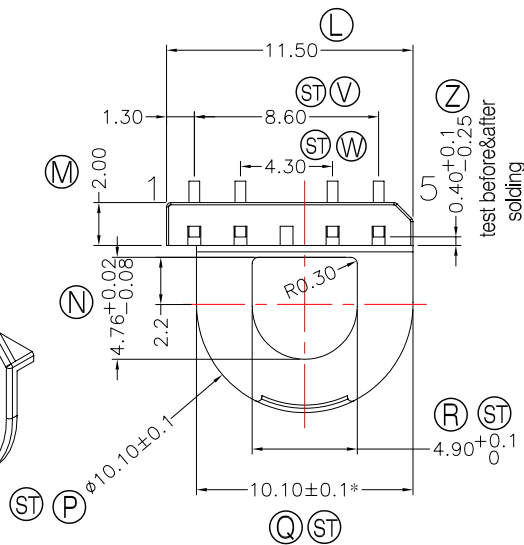
0.05mm max flash  
 1 sample/cav/shlft Inspection



PIN推拉力  
 測試方向<2>



PIN推拉力  
 測試方向<1>



Notes:

- 1.Pin Material:1/2 or 3/4 hard CP WIRE
- 2.Pins pull-out force:(at <1>)>1.5KGF &(at<2>)>1.0KGF before&after soldering(@400±10°C/1-3Sec).
- 3.Unspecified draft angle to be 1(max),Radii to be R0.5.
- 4.Part must be free of sink mark,weld line and any other molding imperfection.
- 5.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)
- 6.This part must be molded using an U.L. approved process by an U.L. approved vendor.
- 7.Pins should not be deformed or relaxed after soldering.
- 8.Hole configuration can be altered as long as it will meet these two requirements:  
 Material: 5um Min Tin(Sn>99.9%) plated hot rolled steel or C.P. wire
- 9.Palstic-HTNFR52G30NH should be 100% virgin material.No regrind is permissible.
- 10.Resin should be dehumified/dried on the container for 6HRS before injection.
- 11.Dimensions marked with \*\*\* should meet Cpk of >1.33.
- 12.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
- 13.All future deliveries must be accompanied by an inspection report.
- 14.Dimensions are indentified for inspection by being enclosed in an obround.
- 15.Environmental requirement:delta specification 10000-0162&10000-2003.
- 16.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-B4-75

PART NO.	MATERIAL (BOBBIN)	MATERIAL (TERMINAL)	TERMINAL (PLATING)	PIN ALLOCATION	NOTE
TBI-203-03241.7506	HTNFR52G30NH(BK)	CP WIRE	Sn	ALL PIN	S
TBI-203-03241.7516	HTNFR52G30NH(BK)	CP WIRE	Sn	CUT PIN #3	H

TOLERANCE: 0~6: ±0.1 6~30: ±0.2 ANGLE:±0.5°

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