

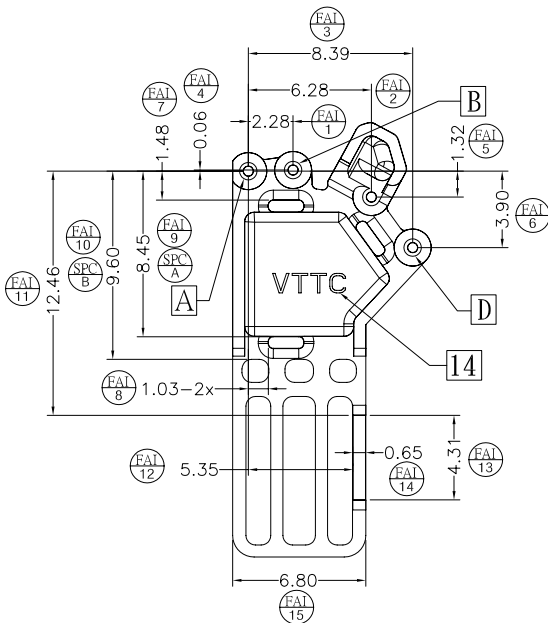
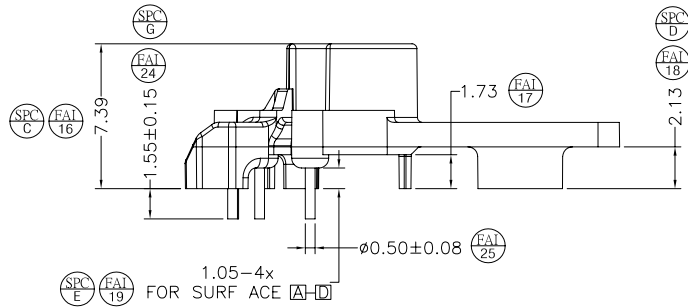
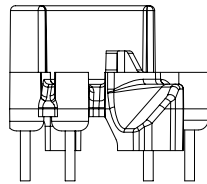
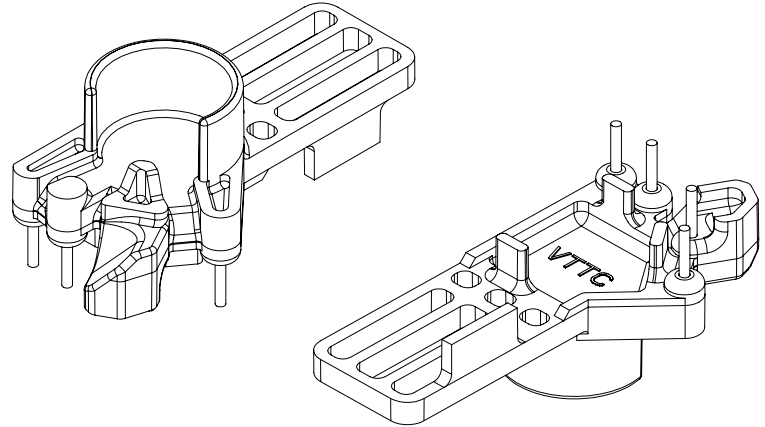
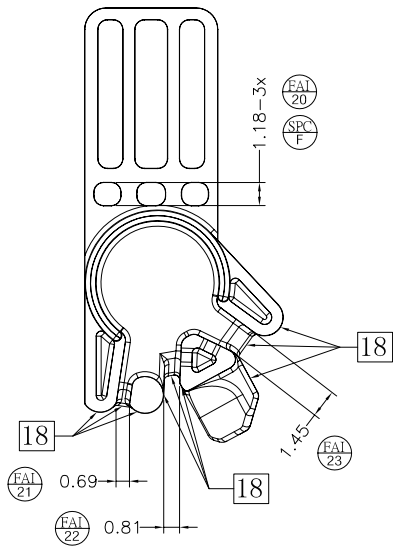


**TRANSFORMER BOBBIN
INDUSTRIAL CO.,LTD.**

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REVISIONS

REV	SYM	DRAFTER	CHECKER	DATE
1		X.H.GU	G.F.YANG	05/29/12
2				
3				

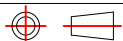


- 1) Pin Material: 1/2 or 3/4 hard copper platter(C.P.)
- 2) Plating: 5.0-8.0um TIN plating(Sn>99.9%)
- 3) Tolerances designated with the symbol σ shall be produced with statistical tolerance process controls. In order to use the tolerance on aature,the statistical process(Cpk,Cp etc) of the part must be validated and approved by Cooper.
- 4) Dimensions marked with σ are to be used for process control.
- 5) All unspecified draft to be 0.5°.
- 6) Parting line mismatch not to exceed 0.10mm.
- 7) Flash not to exceed 0.10mm.
- 8) Gate vestige or trim not to exceed 0.10mm.
- 9) 0% regrind permissible.
- 10) Ejector pin marks must be flush with or no more than 0.10mm below surface of part.
- 11) Part to be free of mold release on cosmetic surfaces and glue geometry.
- 12) Part to be clean and free of contaminants upon delivery to final assembly vendor.
- 13) Radius all internal sharp coners to 0.25mm.
- 14) Tool markings for "V" (vendor),"TT" (tool number),and "C" (cavity).
- 15) Pin tolerance:±0.08mm.
- 16) Environmental substances requirement:
(a):RoHS compliance 2002/95 /EC, (b):PFOS & PFOA compliance 2006 /122 /EC,
(c):Halogen compliance:C1<900ppm,Br<900ppm,C1+B1<1500ppm.
- 17) Pin pulling force>0.8Kg after soldering(300±10°C/1Sec).
- 18) 0.05mm max.flash on these edges check 1 unit/cavity/every 4 hours. Can't use parts from cavity if out of spec.
- 19) Steam precondition 8 hours ±15 min,the surface area of pin is more than95% after soldering(@255±5°C/5+0/-0.5Sec).

DWG NO. B6B-4P-TH-A4-75

PART NO. MATERIAL (BOBBIN) MATERIAL (TERMINAL) TERMINAL (PLATING) PIN ALLOCATION NOTE

TBI-220-22141.7506	FR52G30NH(BK)	CP WIRE	Sn	ALL PIN	S
					H



TOLERANCE: 0<L<=4: ±0.1 4<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