

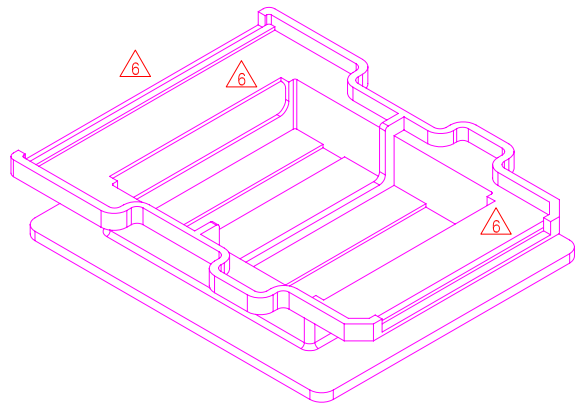
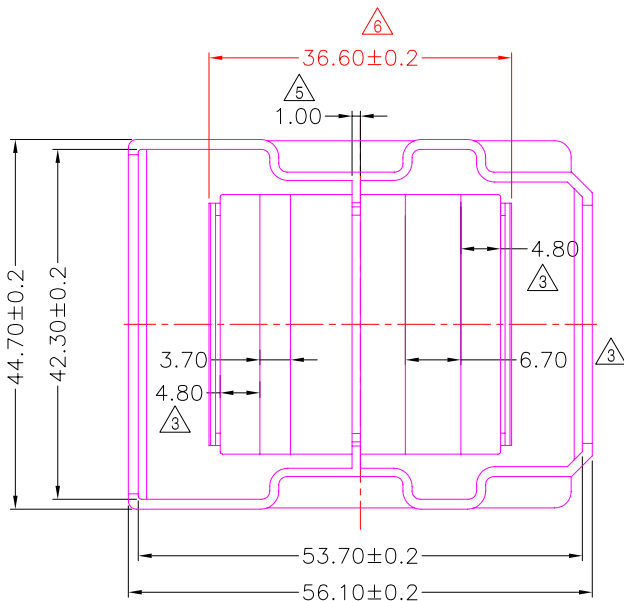
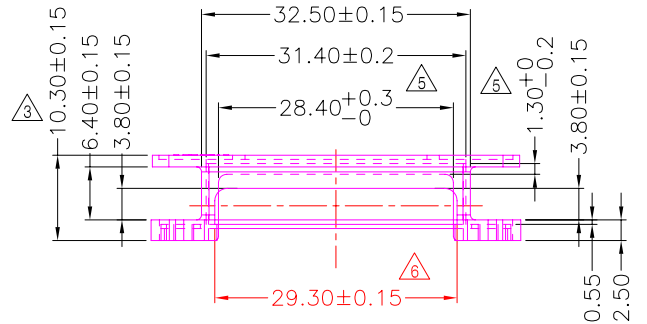
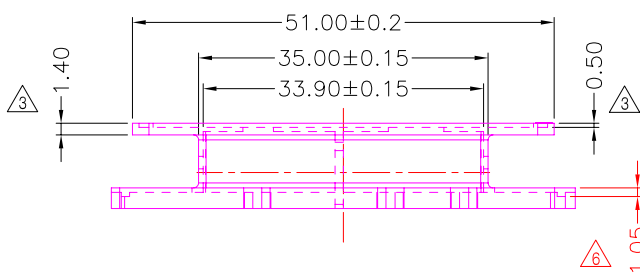
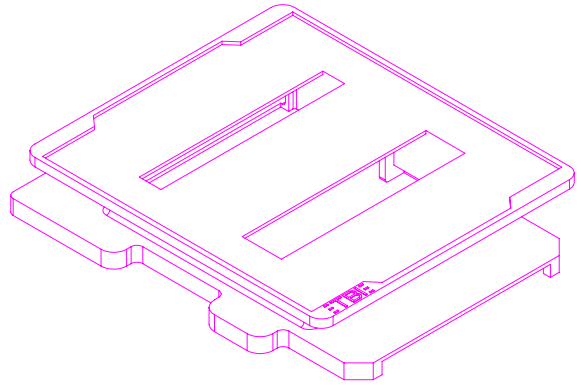
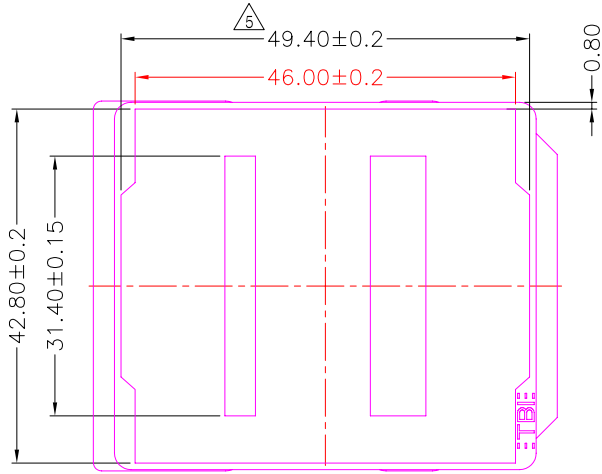


TRANSFORMER BOBBIN
INDUSTRIAL CO.,LTD.

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

REVISIONS

| REV | SYM | DRAFTER | CHECKER | DATE |
|-----|-----|----------|----------|----------|
| △4 | | YAN.TANG | G.F.YANG | 09/06/10 |
| △5 | | YAN.TANG | G.F.YANG | 09/10/10 |
| △6 | | X.H.GU | G.F.YANG | 01/24/11 |



與TBI-207-08161.12XX(EFD45-49.4-14P-THT-1F-12)
TBI-207-08161.CLIP(EFD45-49.4-14P-CLIP)配套使用;

DWG NO. EFD45-49.4-CASE-1F-91

| PART NO. | MATERIAL (BOBBIN) | MATERIAL (TERMINAL) | TERMINAL (PLATING) | PIN ALLOCATION | NOTE |
|-------------------|-------------------|---------------------|--------------------|----------------|------|
| TBI-207-08161.91C | PET FR530 (BK) | NA | NA | NA | S |
| | | | | | H |
| | | | | | |
| | | | | | |



TOLERANCE: 0<L<=4:±0.1 4<L<=16:±0.2 16<L<=63:±0.3

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 6

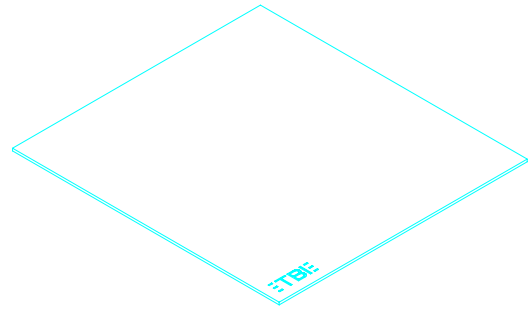
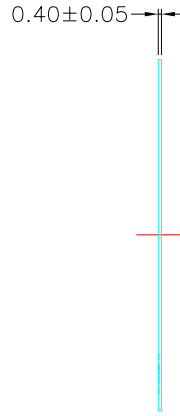
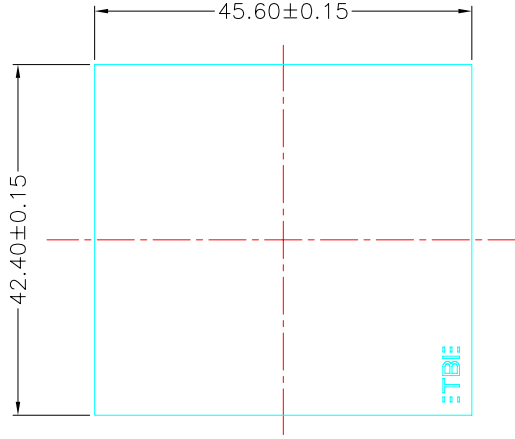


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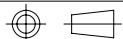
REVISIONS

| REV | SYM | DRAFTER | CHECKER | DATE |
|-----|-----|----------|----------|----------|
| △1 | | X.H.GU | G.F.YANG | 08/12/10 |
| △2 | | YAN.TANG | G.F.YANG | 09/08/10 |
| △3 | | YAN.TANG | G.F.YANG | 09/10/10 |



與TBI-207-08161.12XX(EFD45-49.4-14P-THT-1F-12)
TBI-207-08161.91C(EFD45-49.4-CASE-1F-91)配套使用;

| | | | | | |
|--------------------|---------------------|---------------------|--------------------|----------------|------|
| DWG NO. | EFD45-49.4-14P-CLIP | | | | |
| PART NO. | MATERIAL (CLIP) | MATERIAL (TERMINAL) | TERMINAL (PLATING) | PIN ALLOCATION | NOTE |
| TBI-207-08161.CLIP | 鋁合金 | | | | H |
| | | | | | |
| | | | | | |
| | | | | | |



TOLERANCE: 0<L<=4:±0.1 4<L<=16:±0.2 16<L<=63:±0.3

UNIT : m / m

SCALE 1 : 1

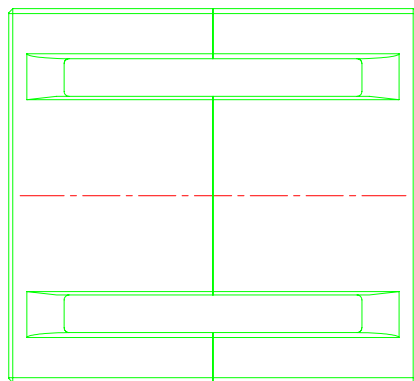
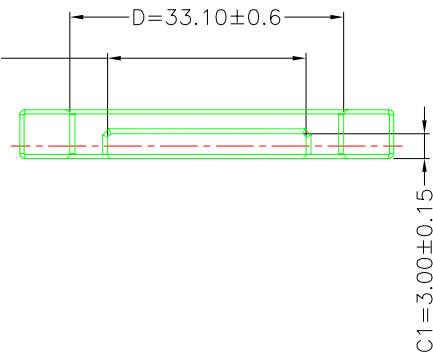
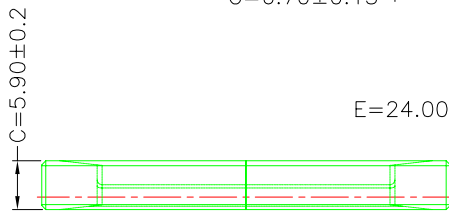
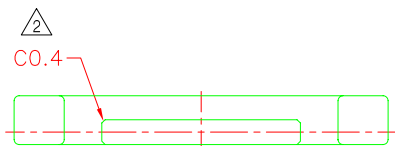
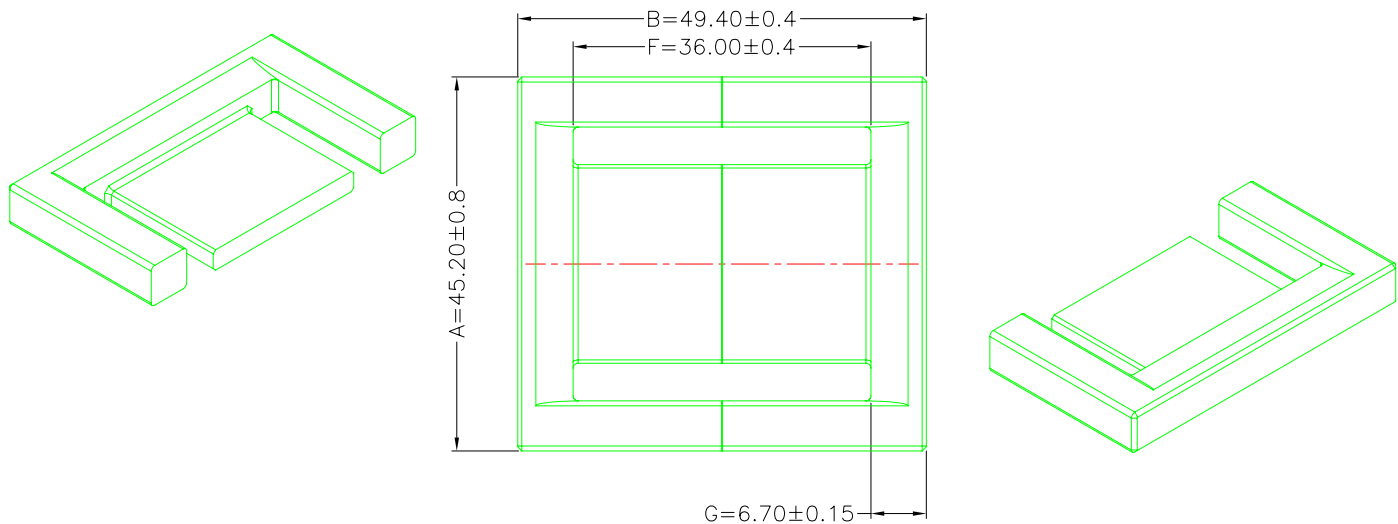
Finish: 1. PB wire Immersion Sn on terminal : Thickness:Sn plating,100,5 μm (200 μ inches) min,Base nickel 0.625 μm (25 μ inches) min.
2. CP wire Immersion Sn on terminal : Thickness:Sn plating,100,5 μm (200 μ inches) min.
3. Coplanarity deviation: 0.10 mm (0.004 inches) max.

REV 3

A-CORE
ELECTRICAL CO.

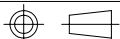
A-CORE JIANGMEN ELECTRONICS CO.,LTD
 江门安磁电子有限公司
 Tel: 86-750-3867791 Fax : 86-750-3867787

| REVISIONS | | | | |
|-----------|-----|----------|---------|----------|
| REV | SYM | DRAFTER | CHECKER | DATE |
| ① | | G.F.YANG | W.H.HSU | 08/18/09 |
| ② | | G.F.YANG | W.H.HSU | 10/23/09 |
| ③ | | | | |



$A1(\text{Limbs}) = 70.77 \text{mm}^2$
 $A2(\text{back wall}) = 79.06 \text{mm}^2$
 $A3(\text{center post}) = 71.45 \text{mm}^2$
 $Ae = 73 \text{mm}^2$
 $Le = 106 \text{mm}$
 $C1 = 1.45 \text{mm}^{-1}$
 $Ve = 7738 \text{mm}^3$

| | | | | | |
|-------------|-------------------|---------------------|--------------------|----------------|------|
| DWG NO. | EFD45 /49.4 CORE | | | | |
| PART NO. | MATERIAL (BOBBIN) | MATERIAL (TERMINAL) | TERMINAL (PLATING) | PIN ALLOCATION | NOTE |
| EFD45 /49.4 | JPP-44A | | | | |
| EFD45 /49.4 | JPP-95 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



Finish:

UNIT : m/m

SCALE 1 : 1

REV 2

A-CORE

A-CORE JIANGMEN ELECTRONICS CO.,LTD
江門安磁電子有限公司

TBI

TRANSFORMER BOBBIN
INDUSTRIAL CO.,LTD.

ELECTRICAL CO. Tel : 86-750-3867791 Fax : 86-750-3867787

Tel : 86-769-88789999 Fax : 86-769-88789989

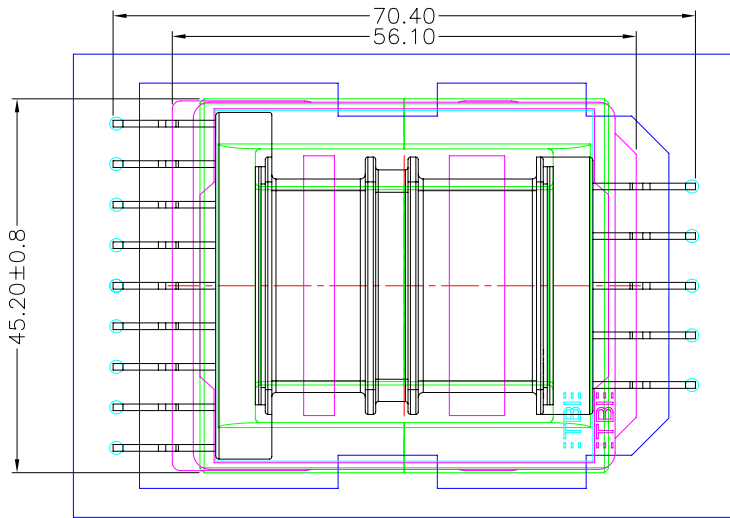
e-mail : sales@acore-ferrite.com

http:// tbi-tw.com e-mail : tb6688@ms46.hinet.net

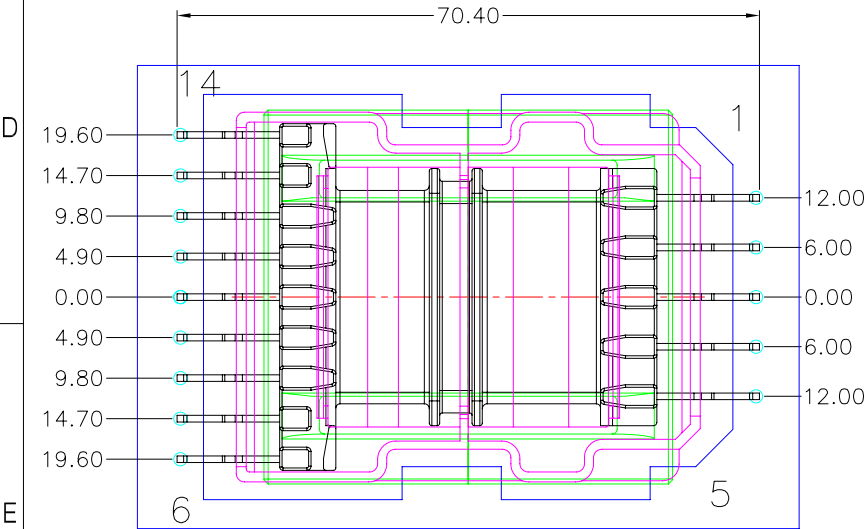
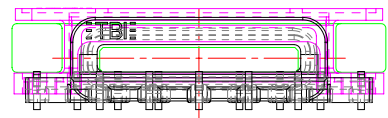
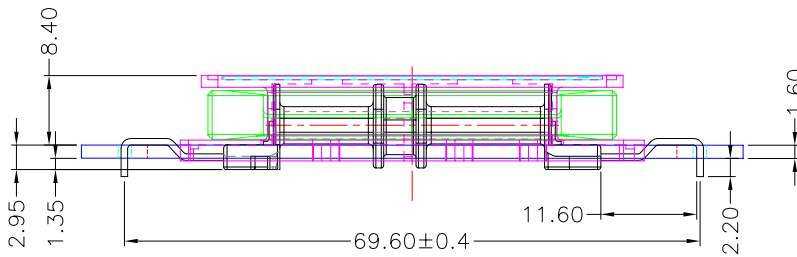
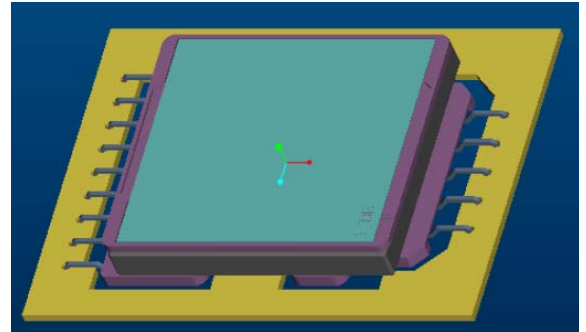
REVISIONS

| REV | SYM | DRAFTER | CHECKER | DATE |
|-----|-----|----------|----------|----------|
| 3 | | YAN.TANG | G.F.YANG | 09/25/10 |
| 4 | | YAN.TANG | G.F.YANG | 11/05/10 |
| 5 | | X.H.GU | G.F.YANG | 01/24/11 |

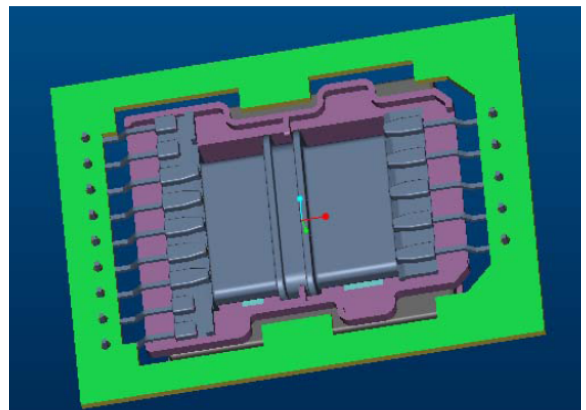
TOP



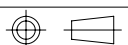
TOP



BOTTOM



BOTTOM

| ITEM | PART NO. | MATERIAL | DWG NO. | Core Set Parameters |
|---|--------------------|----------|--------------------------|--|
| CORE | EFD45-49.4 | JPP-44A | | $A_e=73\text{mm}^2$ $L_e=106\text{mm}$ $C_1=1.45\text{mm}^{-1}$ $V_e=7738\text{mm}^3$ |
| CORE | EFD45-49.4 | JPP-95 | | |
| BOBBIN | TBI-207-08161.12XX | | EFD45-49.4-14P-THT-1F-12 | |
| CASE | TBI-207-08161.91C | | EFD45-49.4-CASE-1F-91 | |
| CLIP | TBI-207-08161.CLIP | 鋁合金 | EFD45-49.4-14P-CLIP | |
|  | | | | UNIT : m/m |
| | | | | SCALE 1 : 1 |
| | | | | REV 5 |