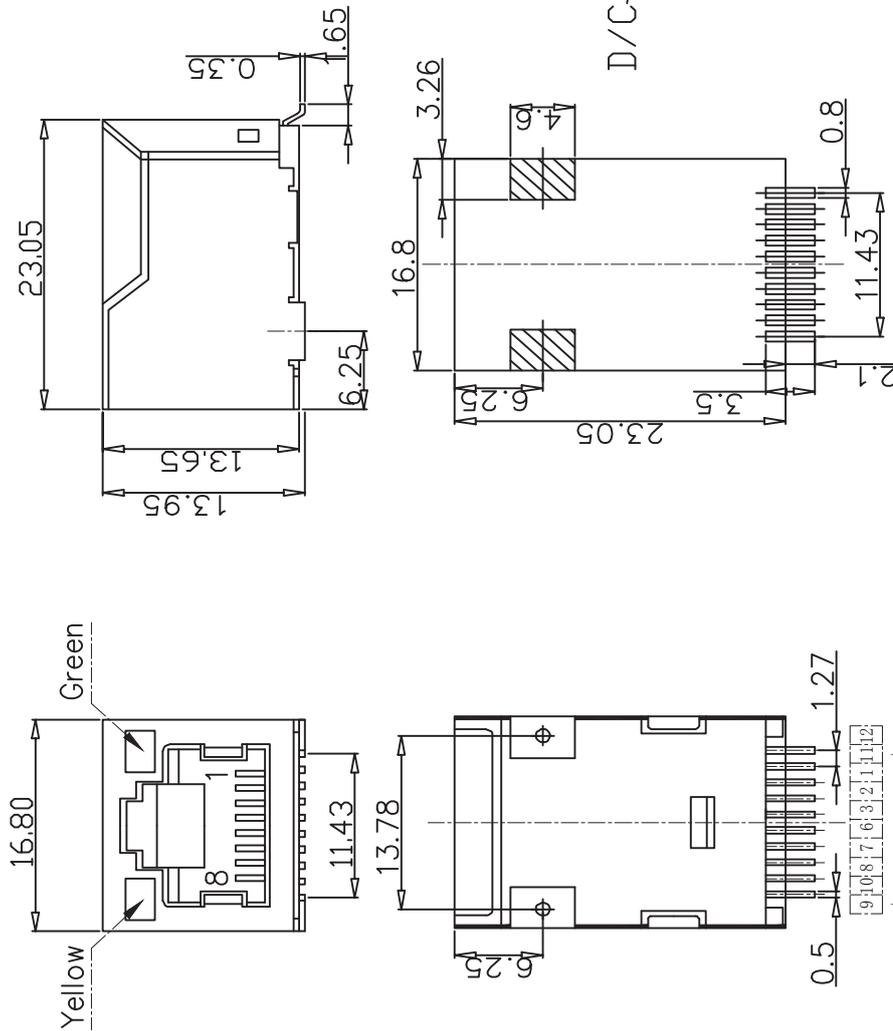




MAK.	Q.U.A.	Description	REV.	DRW.
A				
B				

NOTE:

- Shielded - 0.20mm THICKNESS BRASS C2680 H.
PLATING NICKEL 30u"~50u".
- Housing- Standard Material FR52,Glass Filled Polyester UL94V-0 Standed Color Black.
Pin:0.35mm Thickness Phos-Bronze C5210 EH.
Plating:Nickel40u"~60u" for all and Sn 100%,and Gold Plating.
- Input Terminal- FR52,Glass Filled,UL94V-0, Standard Color Black.
Pin:0.35mm Thickness Phos-Bronze C5191.
Plating:Nickel40u"~60u" for all and Sn 100%.

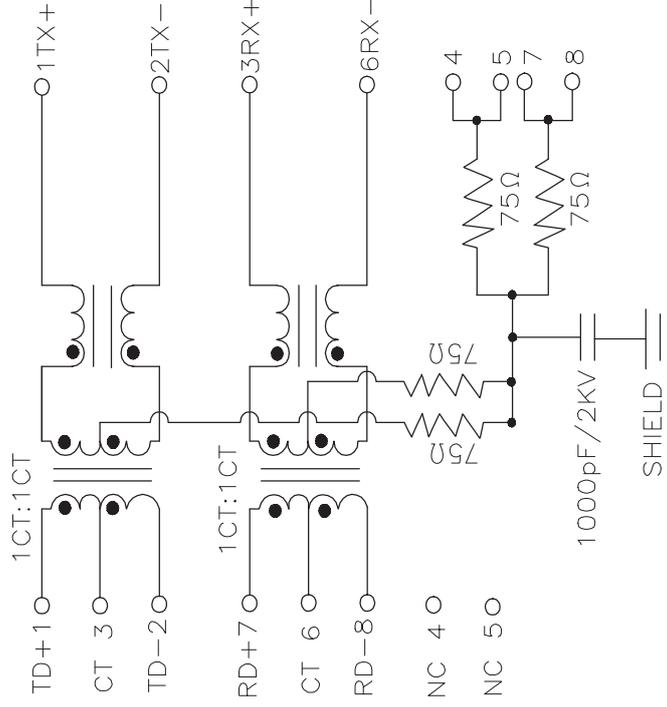


PCB Layout

<p>Wellco T&C Co., Ltd.</p>		<p>Gen.Tolerance</p> <table border="1"> <tr> <td>.X ± 0.20</td> <td>Scale</td> <td>Not</td> </tr> <tr> <td>.XX ± 0.08</td> <td>Unit</td> <td>mm</td> </tr> <tr> <td>.XXX ± 0.05</td> <td>Size</td> <td>∅</td> </tr> </table>	.X ± 0.20	Scale	Not	.XX ± 0.08	Unit	mm	.XXX ± 0.05	Size	∅	<p>P/N # 49S041DHB1</p>		<p>This spec drawing is under the property of Wellco T&C Co., Ltd.</p>		<p>Rev. A</p>	<p>DRW by Amy July 07 2011</p>
			.X ± 0.20	Scale	Not												
.XX ± 0.08	Unit	mm															
.XXX ± 0.05	Size	∅															
		<p>RJ45 10/100 Base-T</p>				<p>Page 1-1</p>	<p>CHK by Long July 11 2011</p>	<p>APP by Chin July 11 2011</p>									

MAK	Q.U.A.	Description	REV.	DRW.
A				
B				

Type 04



ELECTRICAL SPECIFICATIONS@25°C:

Turn Ratio($\pm 2\%$): 1:1

INSERTION LOSS (1-100MHz): -1.0dB MAX.

Return Loss (dB MIN): -18dB(1-30MHz)

-[18-20LOG(F/30MHz)]dB (30-60MHz), -12dB(60-80MHz)

Cross talk (dB MIN): -50dB(0.5-1MHz), -50dB(10MHz)

-40dB (30MHz), -35dB (50MHz), -30dB (100MHz)

CMR(dB MIN): -50dB(0.3-1MHz), -47dB(10MHz)

-42dB (30MHz), -37dB (60MHz), -30dB (100MHz)

CDMR(dB MIN): -50dB(0.3-1MHz), -50dB(10MHz)

-50dB (30MHz), -45dB (60MHz), -40dB (100MHz)

HI-POT TEST: 1500Vrms/0.5mA/2Sec.

PRIMARY INDUCTANCE: 350uH MIN @100KHz/0.1V, 8mA

D.C.BIAS

RoHS compliance: YES

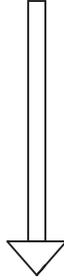
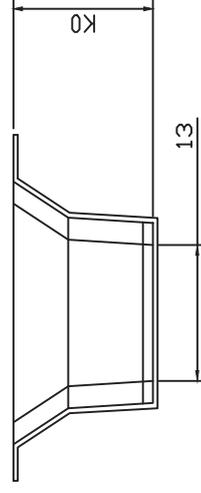
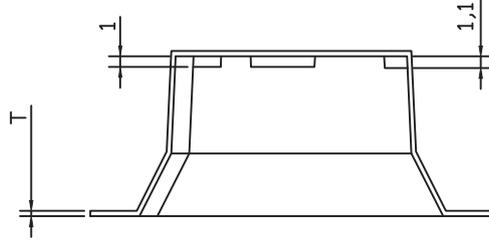
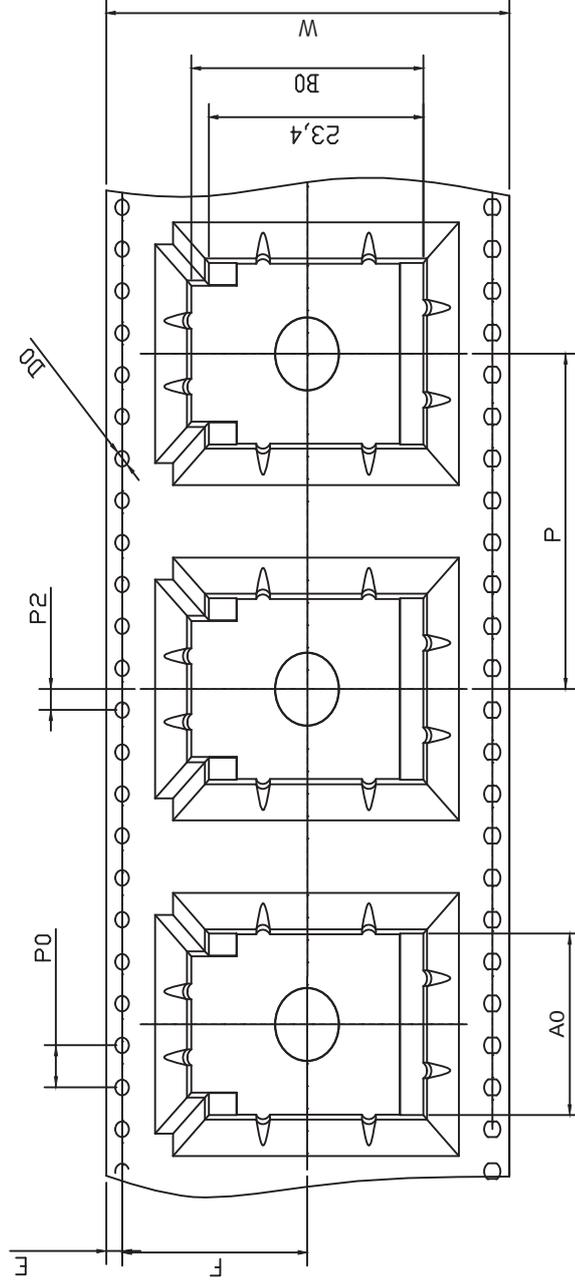
Environmental:

1. Operating Temp: -20°C to +85°C.

2. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

Code	RJ45 Plating		LED Code	
	Contact Area	Solder tail	Left LED	Right LED
F	3 μ " gold	Under plating	+9,-10	+11,-12
1	6 μ " gold	50 μ "	Green	Yellow
2	15 μ " gold	150 μ "	Yellow	Green
3	30 μ " gold	Tin Min. Nickel	Green	Green
4	50 μ " gold		Orange	Yellow
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载带引出方向

1. 10 sprocket hole cumulative tolerance $\pm 0.20\text{mm}$.
2. Carrier camber not to exceed 1mm in 100mm.
3. A0 and B0 measured on a plane 0.3mm above the bottom of the pocket.
4. K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
5. Angle is not marked :3°.
6. All dimensions meet EIA-481-D requirements.
7. Material: BLACK Anti-Static Polystyrene.
8. Packing length per 13" reel : 3.2M+(0.30M the before and after)/R
9. Component load per 13" reel : 100pcs.

D	44.00	8.10	25.30	15.25	0.00	1.75	20.2	32.00	4.00	2.00	1.50	0.00	0.50
A	+0.30	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10	+0.10
T	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.05
A	W	A ₀	B ₀	K ₀	K	E	F	P	P ₀	P ₂	D ₀	D ₁	T

Gen.Tolerance

.X \pm 0.20.XX \pm 0.08.XXX \pm 0.05 $\angle \pm 1^\circ$

Scale

Not

Unit

mm

Size



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Rev. A

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CHK by

APP by

Amy July 07 2011

Long July 11 2011

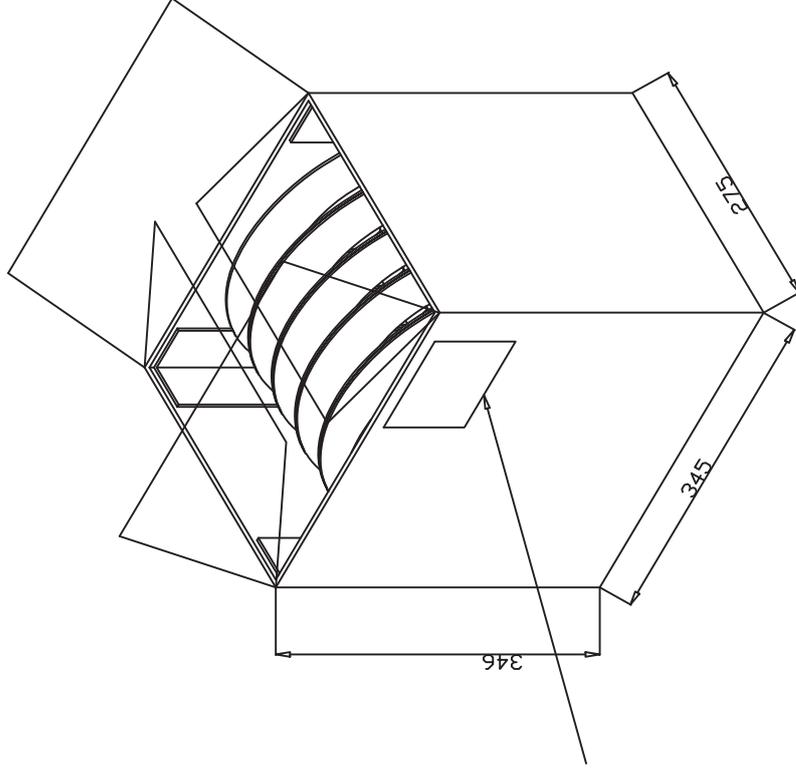
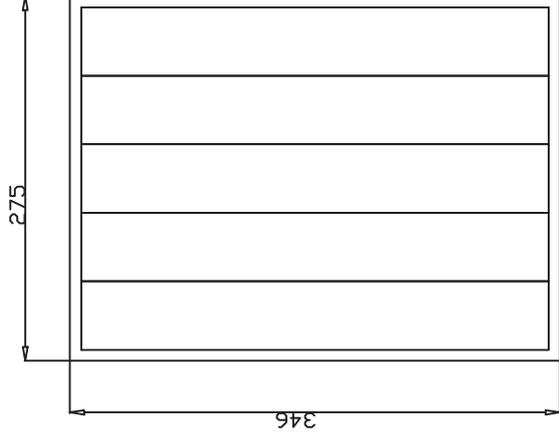
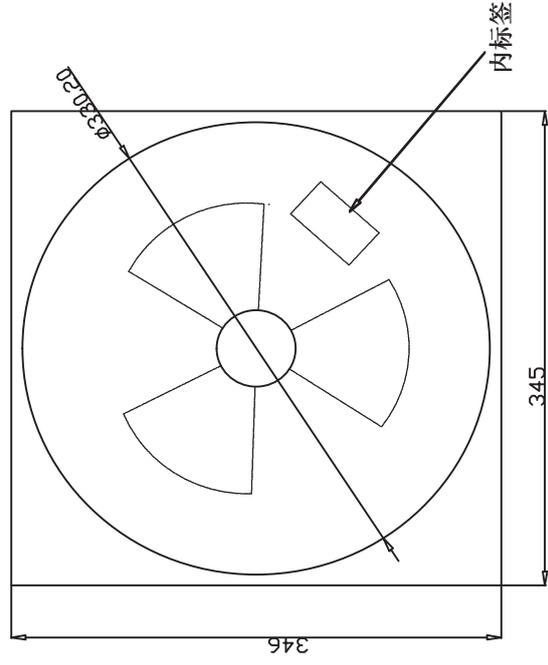
Chin July 11 2011

Wellco T&C Co., Ltd.



P/N # 49S041DHB1

RJ45 10/100 Base-T



整箱包装方式: 100pcs/盘x5盘/箱

=500pcs/箱

载带规格: 44*15.25mm (W*K0)

覆盖膜规格: 37mm (W)

卷盘规格: 330.2*49mm

纸箱规格: 345*275*346mm (外尺寸)

平卡规格: 335*260*3mm (2pcs平卡/箱)

防水袋: 550*600mm (1pc/箱)

直角板: 330*50*50mm (4PCS/箱)

Gen.Tolerance	Scale	Not
.X ± 0.20	Unit	mm
.XX ± 0.08	Size	⌀
.XXX ± 0.05		⊥
$\angle \pm 1^\circ$		

P/N # 49S041DHB1	
RJ45 10/100 Base-T	

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