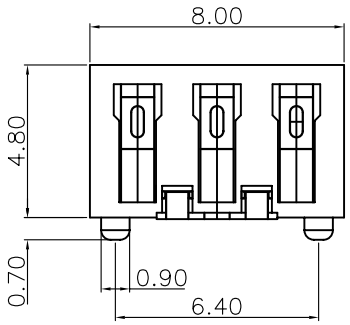
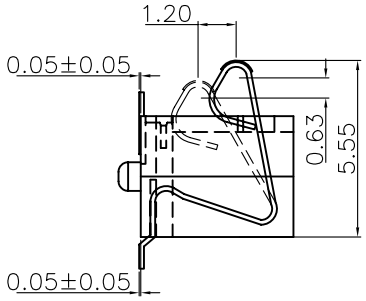
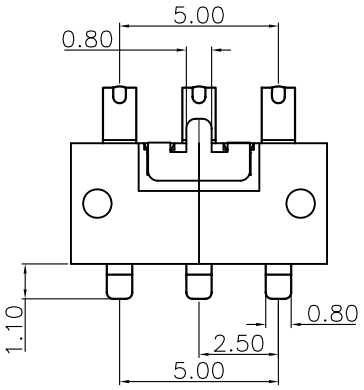
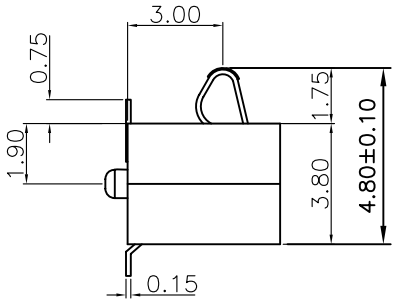
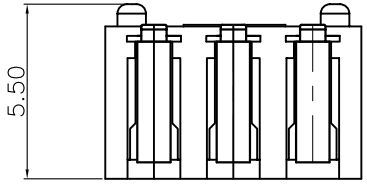
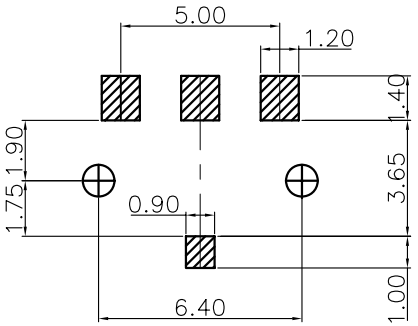












RECOMMENDED P.C.B LAYOUT

MATERIAL:

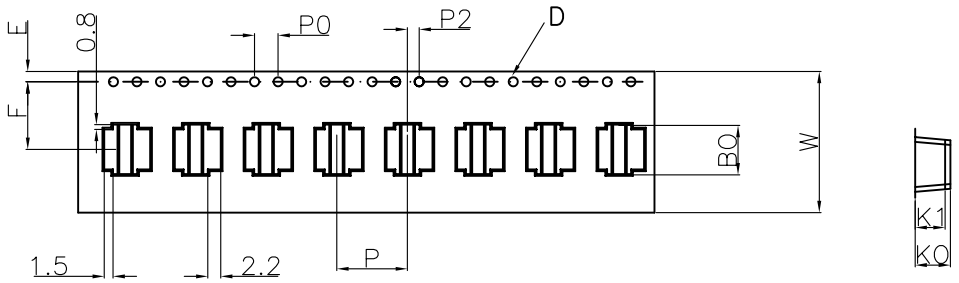
1. HOUSING: NYLONG 9T,BLACK
2. TERMINAL: PHOSPHOR BRONZE, GLOLD PLATING.(T=0.15mm)
3. SUPPORT: BRONZE, TIN=50u"

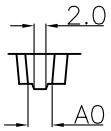
SPECIFICATION

1. CURRENT RATING : 2 AMP. MAX.
2. DIELECTRIC WITHSTANDING VOLTAGE : 250V AC R.M.S. FOR ONE MINUTE.
3. VOLTAGE RATING : 12V.
4. INSULATION RESISTANCE : 1000M MIN AT 500V DC.
5. OPERATING TEMPERATURE : −30°C TO +80°C
6. DURABILITY : 5000 CYCLE.
7. OPERATING FORCE OF PIN : 140gf 30g/EACH.
8. STROKE : 1.2(mm).
9. MAX. PROCESSING TEMP. : 230°C FOR 30 ~ 60 SECONDS. 260°C FOR 10 SECONDS.

REV.	DESCRIPTIONs	DATA

GENERAL TOLERANCES: (UNLESS SPECIFIED)			DRAW BY	EVA	DESCRIPTION	3PIN BATTERY CONNECTOR
	MM	INCH	CHECK BY	SAM		
.X	±0.25		APPROVED BY	JAY		
.XX	±0.15		SCALE		PART NO.	TWB−03C7−30NY
.XXX	±0.10		DESIGN UNITS	☒MM ☐INCH		
.XXXX	±0.05		DATE	08.22.2006		
.X°	±3.00°		DRAWING NO.	HO−03F2−07		Take Wing Take Wing Technology Co., ltd.
			SHEET NO.			





NOTE:
1. 10sprocket hole pitch cumulative tolerance ±0.2mm.
2. Carrier camber not to exceed lmm 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. All dimensions meet EIA-481-3 requirements.
6. Material: Transparent Anti-static Polysyen.
7. Thickness: 0.40±0.05.
8. Packing lenght per 22"reel : 11.8 meters.
9. Component load per 13" reel : 900 pcs.

*NON NOTED:BEVEL=5°

ITEM	W	A0	B0	K0	K1	K2	P	F	E	D	D1	P0	P2	T
DIM	24.0 +0.30 −0.10	4.1 +0.10 −0.10	8.4 +0.10 −0.10	6.0 +0.10 −0.10	5.1 +0.10 −0.10	0.00 +0.10 −0.10	12.0 +0.10 −0.10	11.5 +0.10 −0.10	1.75 +0.10 −0.10	1.50 +0.10 −0.00	0.00 +0.25 −0.00	4.00 +0.10 −0.10	2.00 +0.10 −0.10	0.4 +0.05 −0.05

REV.	DESCRIPTIONs	DATA

GENERAL TOLERANCES: (UNLESS SPECIFIED)	MM	INCH
.X	±0.30	
.XX	±0.20	
.XXX		
.XXXX		
.X°	±3.00°	

DRAW BY	EVA
CHECK BY	SAM
APPROVED BY	JAY
SCALE	
DESIGN UNITS	☒MM ☐INCH
DATE	08.22.2006
DRAWING NO.	PM0046
SHEET NO.	

DESCRIPTION	BATTERY CONNECTOR
PART NO.	PK-1-TWB-03C7-30NY

Take Wing
Take Wing Technology Co., ltd.