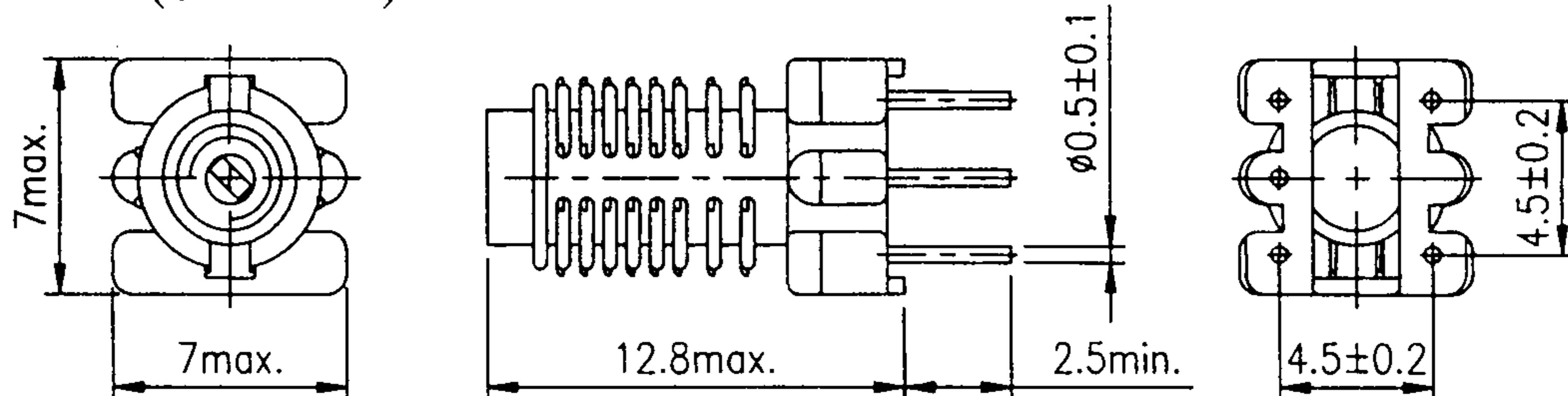


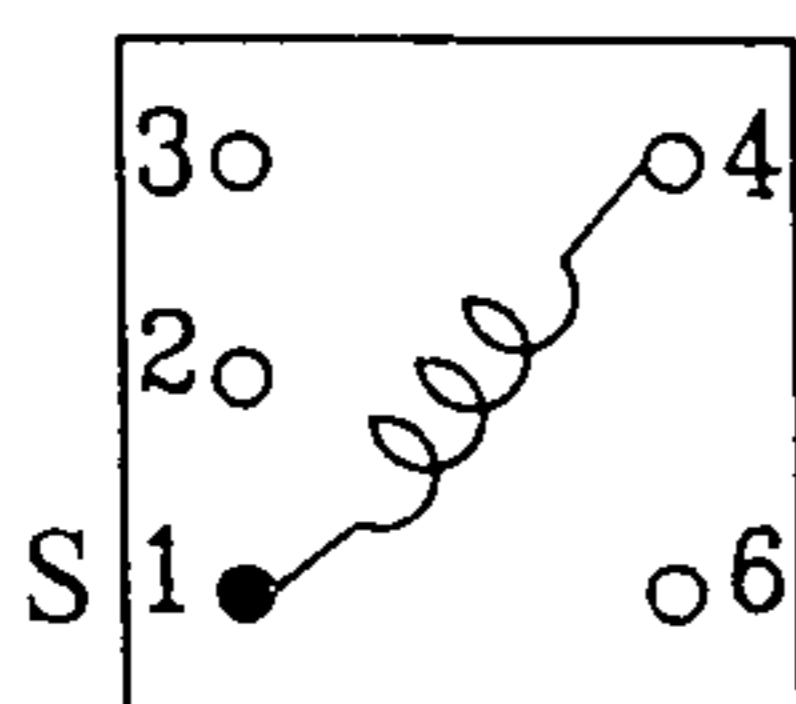
SPECIFICATION

CUSTOMER : PAULITRON	APPROVED BY
CUS. PART NO. : 292YNF-B0410AE	
COILS PART NO. : THI7-879513	
DATE : 2004/9/17	

1. DIMENSIONS (UNIT : mm)



2. CONNECTION (BOTTOM)



3. TURNS , WIRE AND CORE

PIN. NO.	1-4			
TURNS (Ref.)	2 $\frac{1}{4}$ T			
WIRE	$\phi 0.15$ mm (2UEW)			
SCREW CORE	EM5E	OR EQUIVALENT		

4. CHARACTERISTICS

ITEM	SPEC. (1 - 4)	MEASUREMENT CONDITIONS
VARIABLE CAPACITY	37pF \pm 6% Min.	100MHz
UNLOADED Q	66 \pm 20%	100MHz
MEASUREMENT INSTRUMENT	MQ-171	

EXT. STRAY CAP. --- pF (-)

5. GENERAL CHARACTERISTICS:

- ① Core Torque : 10 ~ 250gf · cm
- ② Dielectric Strength: No abnormality at 100V D.C. for 1 minute between winding-base.
- ③ Insulation Resistance: Over 100M Ω at 100V D.C. between winding-base.
- ④ Humidity Test : Frequency (Inductance) deviation within $\pm 0.5\%$ ($\pm 1\%$)
Deviation of Q within $\pm 20\%$
After 96 \pm 4 hours in 90~95% relative humidity at 40 $^{\circ}$ C \pm 2 $^{\circ}$ C and 60 minutes drying under normal condition.
- ⑤ Temperature Test : Frequency (Inductance) deviation within $\pm 0.5\%$ ($\pm 1\%$)
Deviation of Q within $\pm 20\%$
a. After 6 hours at -25 $^{\circ}$ C \pm 3 $^{\circ}$ C and 1 hour later under normal condition.
b. After 6 hours at 85 $^{\circ}$ C \pm 2 $^{\circ}$ C and 1 hour later under normal condition.
- ⑥ Terminal Strength : No abnormality at 0.3kg for 30 \pm 5 seconds (pull and push).
- ⑦ Terminal Heat Test: No abnormality at 250 $^{\circ}$ C \pm 5 $^{\circ}$ C for 5 seconds.

6. REMARKS:

APPROVAL	CHECK	DESIGN	REVISION