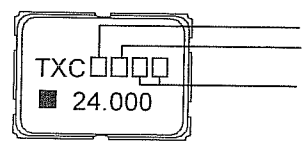
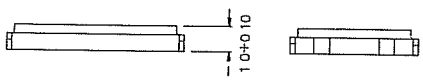
PURCHASE SPECIFICATIONS

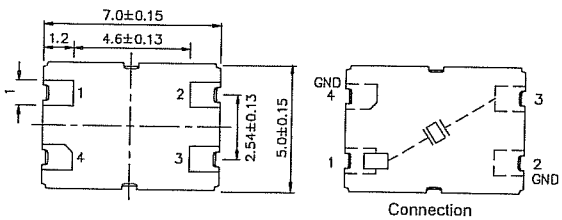
Product : **SMD SEAM X'TAL**	TXC P/N **6P24000106**	Ver. a

Electrical Characteristic :

	1. Norminal Frequency	**24.000000**	MHz	
	2. Oscillation Mode	**Fundamental**		
	3. Load Capacitance	**20**	pF	
[C]	4. Tolerence @ 25 Degree	**± 9**	ppm	
	5. Stability over Operation Temp.	**± 10**	ppm	
	6. Operation Temperature Range	**-20~+70**	℃	
[C]	7. Effective Series Resistance	**22**	Ω	Typ.
	8. Drive Level	**10**	uW	Max.
	9. Shunt Capacitance	**5.0**	pF	Max.
	10. Aging	**3**	ppm / year	
	11. Insulation Resistance	**500M**	Ω	
	12. Storage Temperature Range	**-55 ~ +125**	℃	
	13. Others (1) DLD 2	**7.5**	Ohms Max. DL:0.1 , 0.5 , 1 , 5 , 10 , 50 , 100uW (7 point)	
	(2) FLD 2	**7.5**	ppm Max. DL:0.1 , 0.5 , 1 , 5 , 10 , 50 , 100uW (7 point)	
	(3)			
	(4)			
	14. Taping	By Tape & Reel , 1,000 pcs / Reel , PER EIA-481-2		
	15. Marking	Note:		







1. Date code :

month / year		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2005	2009	A	B	C	D	E	F	G	H	J	K	L	M
2006	2010	N	P	Q	R	S	T	U	V	W	X	Y	Z
2007	2011	a	b	c	d	e	f	g	h	j	k	l	m
2008	2012	n	p	q	r	s	t	u	v	w	x	y	z

This date code will be cycling four years.

2. Please provide 20pcs electrical & temperature data for each lot.
3. Mark [C] is critical parameter.

Inspection Standard and Method SAMPLING PLAN : MIL-STD-105E SINGLE SAMPLING

Inspection Item	SPECIFICATION	TEST METHOD	AQL
1. Electrical Characteristics	As Specificaitons	Electrical Tester	Maj . : 0.1% , Min . : 1. 0%
2. Gross Leakage	1 x 10 Exp (-4) atm c.c. / sec Max.	Leakage Tester	Maj . : 0.01%
3. Fine Leakage	1 x 10 Exp (-8) atm c.c. / sec Max.	Leakage Tester	Maj . : 0.01%
4. Marking	As Specificaitons	10 X Magnifier	Maj . : 0.1% , Min . : 1.0%
5. Appearance Check	As Golden Sample	10 X Magnifier	Maj . : 0.1% , Min . : 1.0%

Engineering Change Record

Ver	Description of Change	ECN	Prepare	Present	Approve	Date
A	Initial release	-------	李詩璿	石文雄	陳建宇	27-Dec-06
B						
C						
D						

TXC DCC COMPONENTS DIVISION DEC 29 2006 RELEASED 發行

QA : 黃玉玲