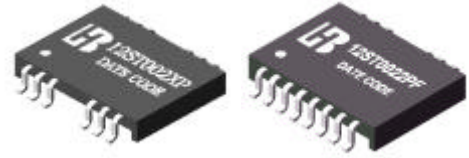


- Half port and single port designs for maximum layout flexibility.
- Compatible with Intel, TDK, QSI, and ICS.
- Low profile packages from .094”(2.39mm)to .078”(1.98mm)for PC Card and Card bus applications.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .



**Electrical Specifications @ 25**

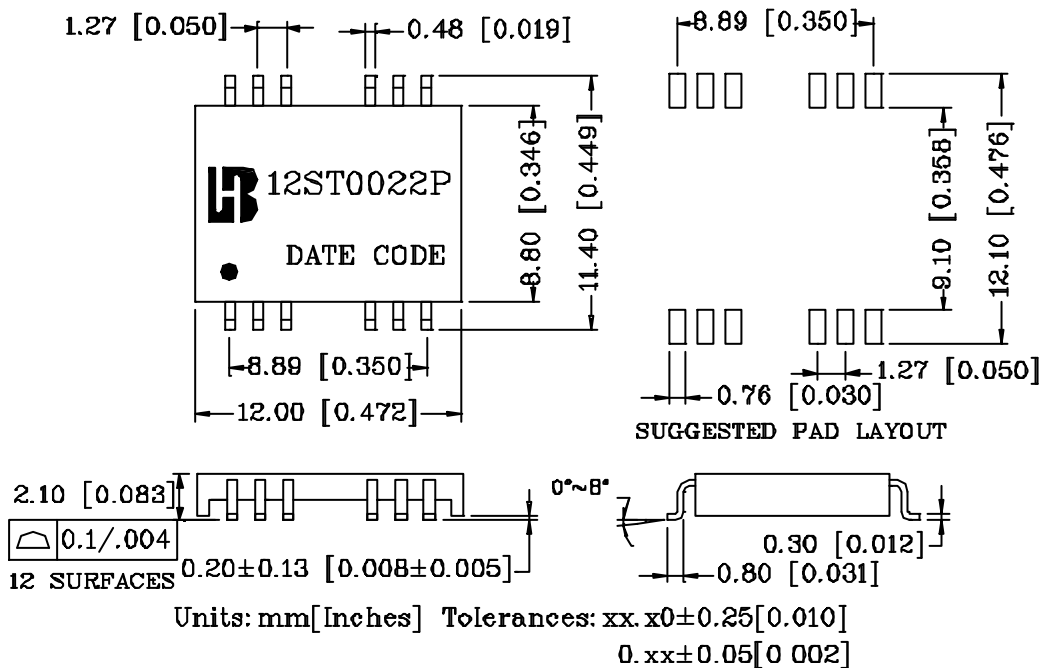
Part Number	Turn ratio (±5%)		OCL(uH Min) @ 100KHz/0.2V	HI-POT (Vrms)
	TX	RX		
12ST0022P	1CT:1	1CT:1CT	350	1500
12ST0022PF	1CT:1	1CT:1CT	350	1500
12ST0023P	1CT:1	1CT:1CT	-	1500

**Continue**

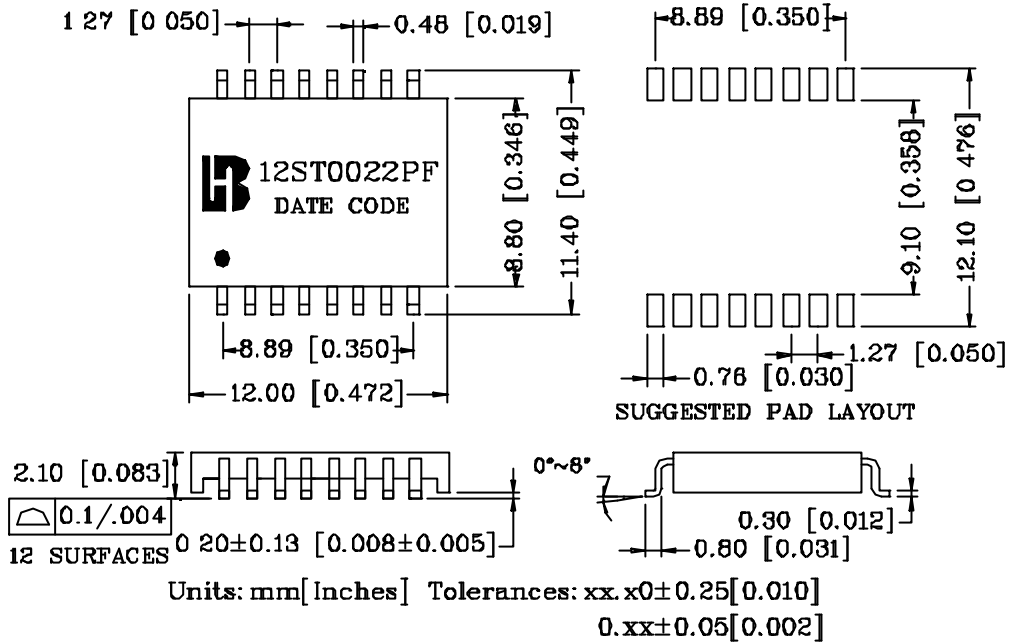
Part Number	Insertion loss (dB Max)	Return loss (dB Min)			Cross talk (dB Min)			DCMR (dB Min)			
		0.3-100 MHz	30MHz	60MHz	80MHz	30 MHz	60MHz	100MHz	30 MHz	50 MHz	100MHz
12ST0022P	-2.0	-18	-14	-12	-50	-45	-40	-40	-35	-30	-20
12ST0022PF	-2.0	-18	-14	-12	-50	-45	-40	-40	-35	-30	-20
12ST0023P	-2.0	-18	-14	-12	-50	-45	-40	-40	-35	-30	-20

**Mechanical**

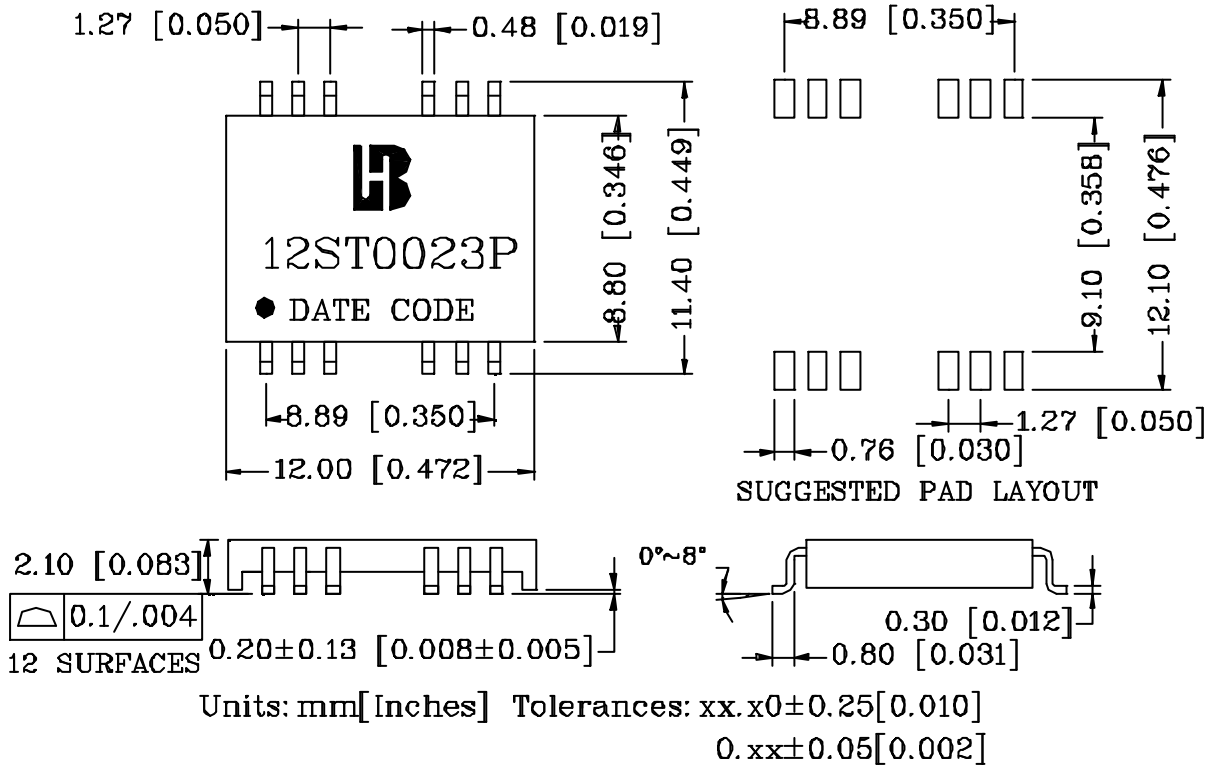
**12ST0022P**



12ST0022PF



12ST0023P



Schematics

12STXXXX

