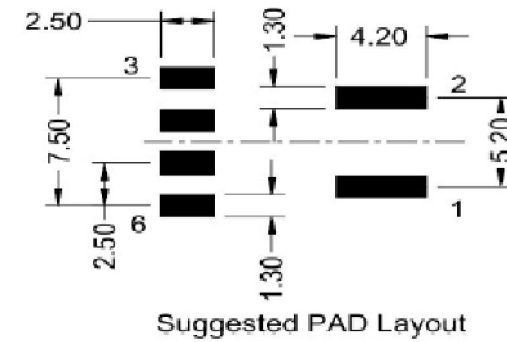
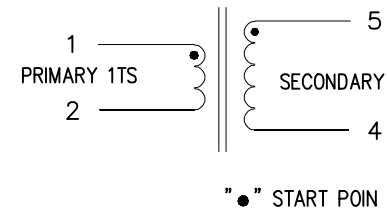
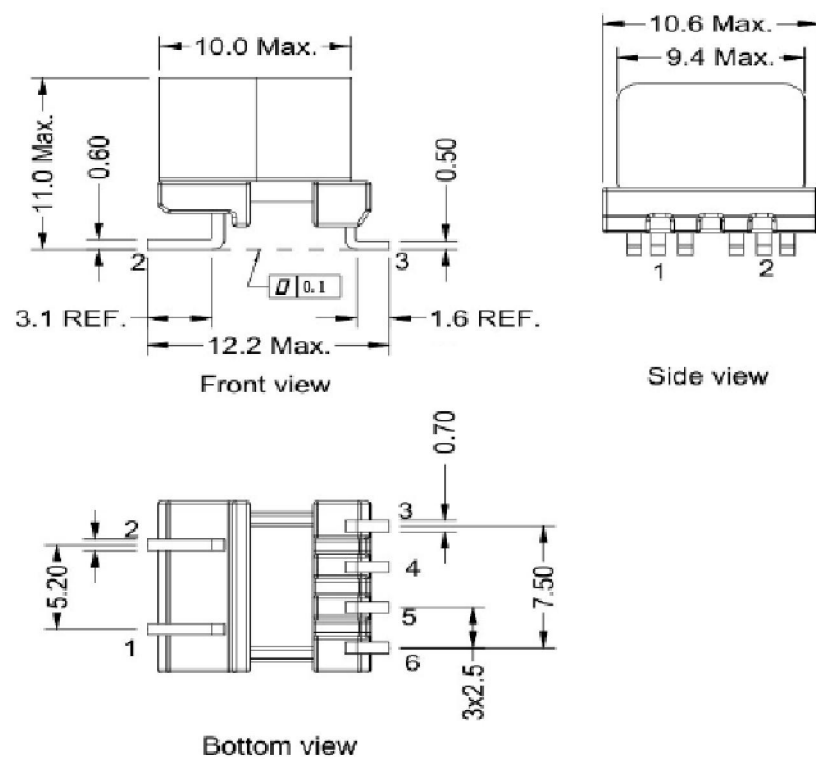


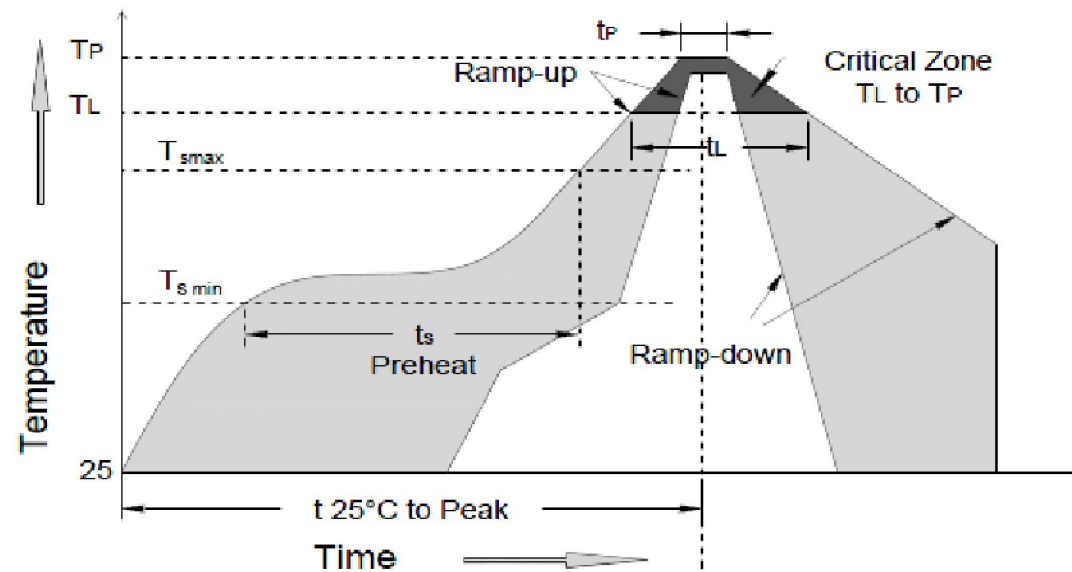


EP7 SERIES/20A @Ta=25°C

Part Number	Turns RATIO (N) Pri : Sec	Rating Current (A)	DCR MAX (mΩ)		Inductance (Sec) (mH MIN) 20kHz/0.1V)	Isolation Voltage (Vrms)
			Pri	Sec		
EP07-50	1 : 50	20	1.9	2100	1.7	3000
EP07-70	1 : 70	20	1.9	2900	3.0	3000
EP07-100	1 : 100	20	1.9	5000	7.0	3000
EP07-125	1 : 125	20	1.9	5300	11.0	3000
EP07-180	1 : 180	20	1.9	7400	25.0	3000

						AOEM		TITLE SMT CURRENT SENSE TRANSFORMER	
								DWG. NO.	
								EP07/20 A SERIES	
A	RELEASE	11/18/2024	SHIRLEY	DICK	DICK	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 11/18/2024		P/N:	
REVISIONS								DRAW SHIRLEY	
								SHEET 1 of 2	

5 Recommended Reflow Profile



MSL:

Grade: 1 level. Floor life: 0.5 year Condition: $\leq 30^{\circ}\text{C}/60\%\text{RH}$.

Ramp up rate= $3^{\circ}\text{C}/\text{s}$ max Ramp down rate= $6^{\circ}\text{C}/\text{s}$ max

TL= 217°C tL=60s-150s Tp= $250\pm 3^{\circ}\text{C}$ Time within 5°C of actual Peak Temperature

(tp): 20~40s

Ts min= 150°C Ts max= 200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature:

8minutes max

								TITLE SMT CURRENT SENSE TRANSFORMER	
								DWG. NO. EP07/20 A SERIES	
A	RELEASE	11/18/2024	SHIRLEY	DICK	DICK	UNITS: M/M	SAFETY		SHEET 2 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 11/18/2024	P/N:		DRAW SHIRLEY
REVISIONS									