SYMBOL	PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT
Power Supply and Output						
Enable, Soft Start and Working Modes						
Power MOSFETs						
Feedback and Error Amplifier						
Current Limit						
Switching Frequency						
Soft Start Time						
Protection						

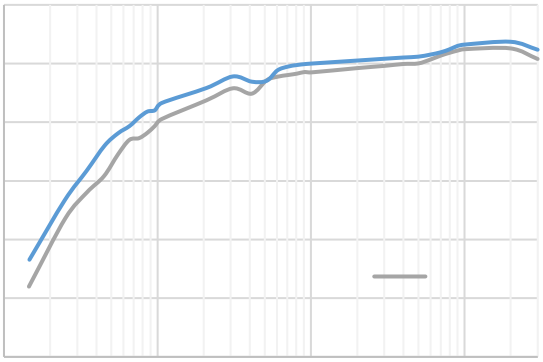


Figure 1. Efficiency vs Load Current(VIN=12V)

Figure 2. Line Regulation

Figure 3. Load Regulation

Figure 4. FB Voltage Vs. Temperature

Figure 5. UVLO Vs. Temperature

Figure 6. Quiescent Current Vs. Temperature

Under Voltage Lockout UVLO

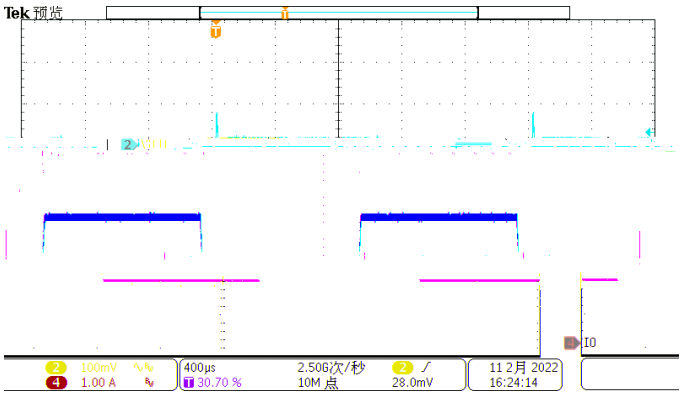
Input Capacitor Selection

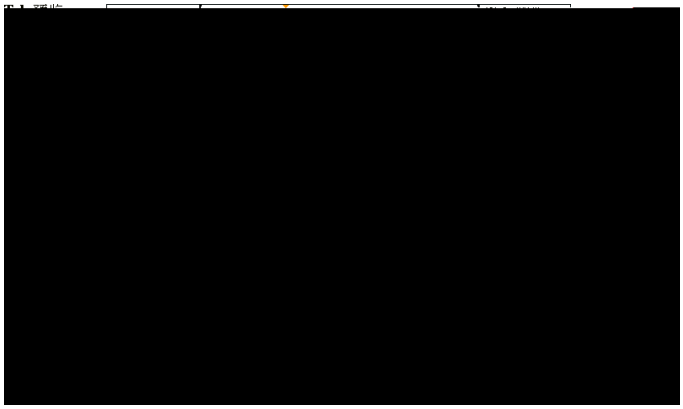
Table 1. Recommended Inductors

Part Number	L (uH)	DCR Max (mΩ)	Saturation Current/Heat Rating Current (A)	Size Max (LxWxH mm)	Vendor

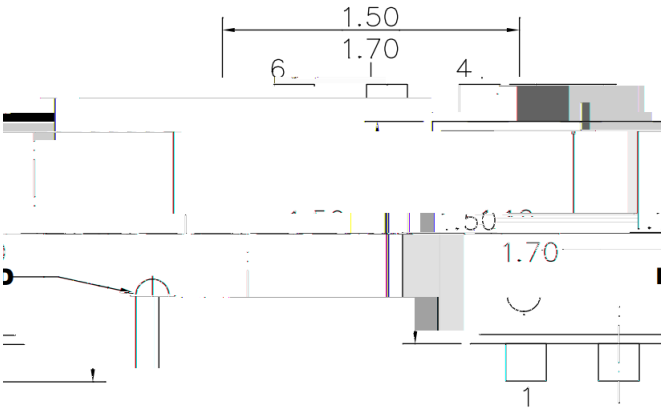
Output Feedback Resistor Divider Selection

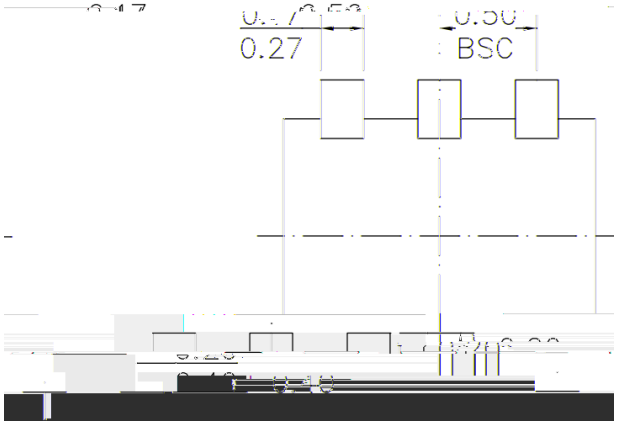
Application Waveforms

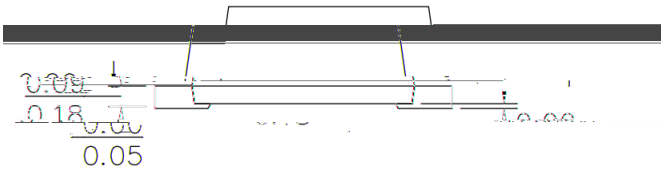


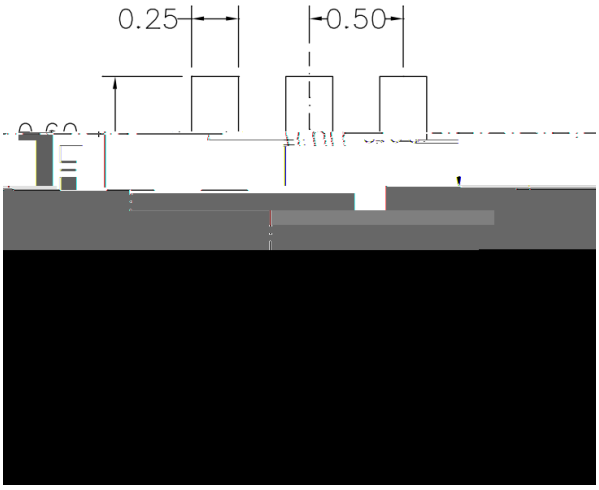


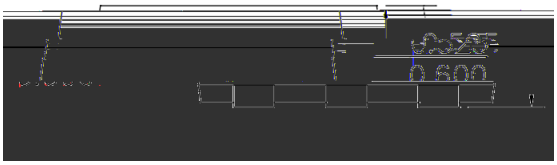
Thermal Considerations



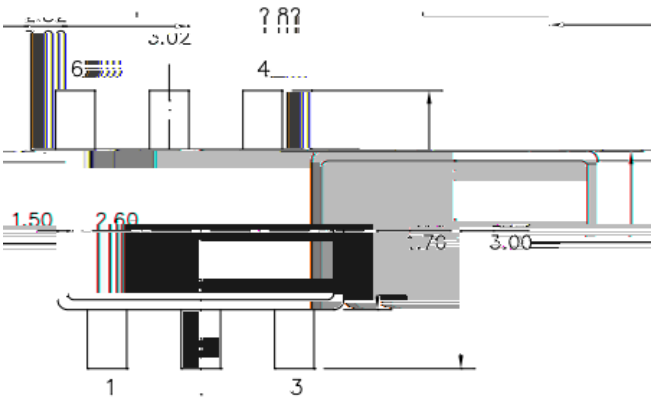


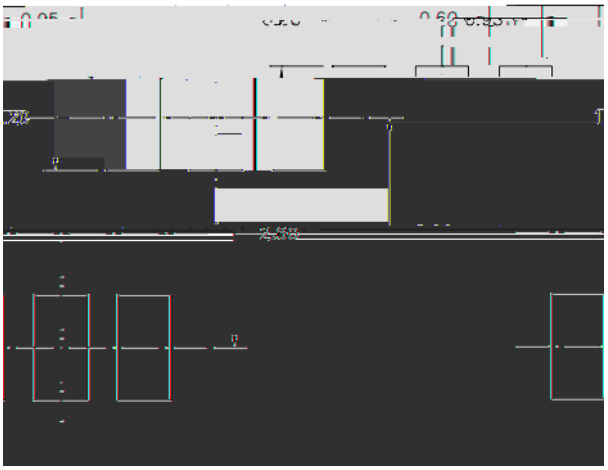


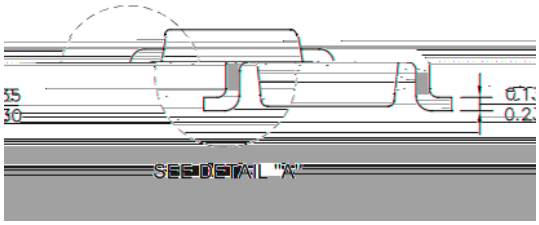


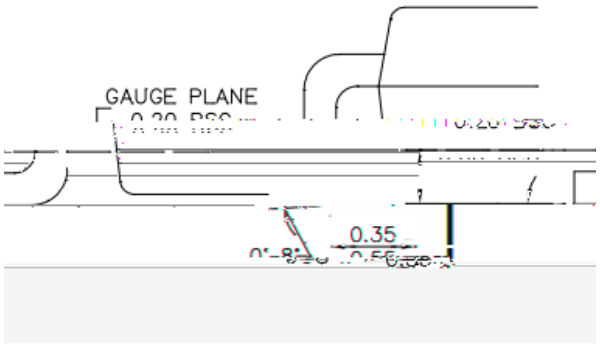


NOTE:


3.02
6
4
1.50
2.60
3.00
1
3

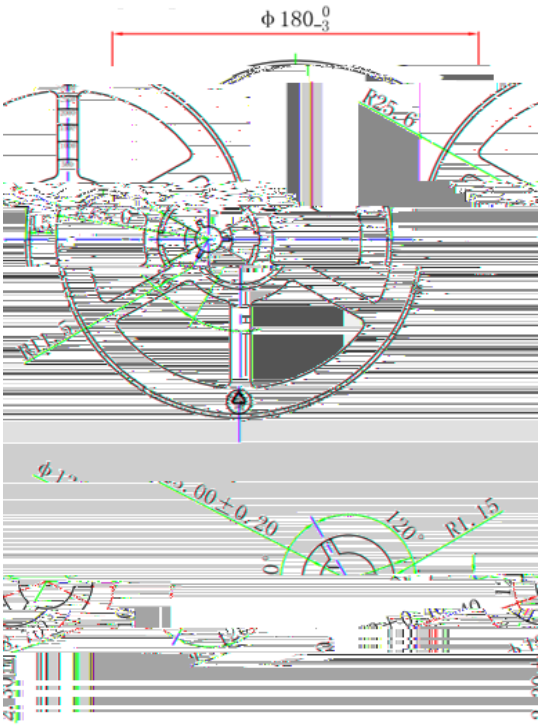



SEE DETAIL "A"

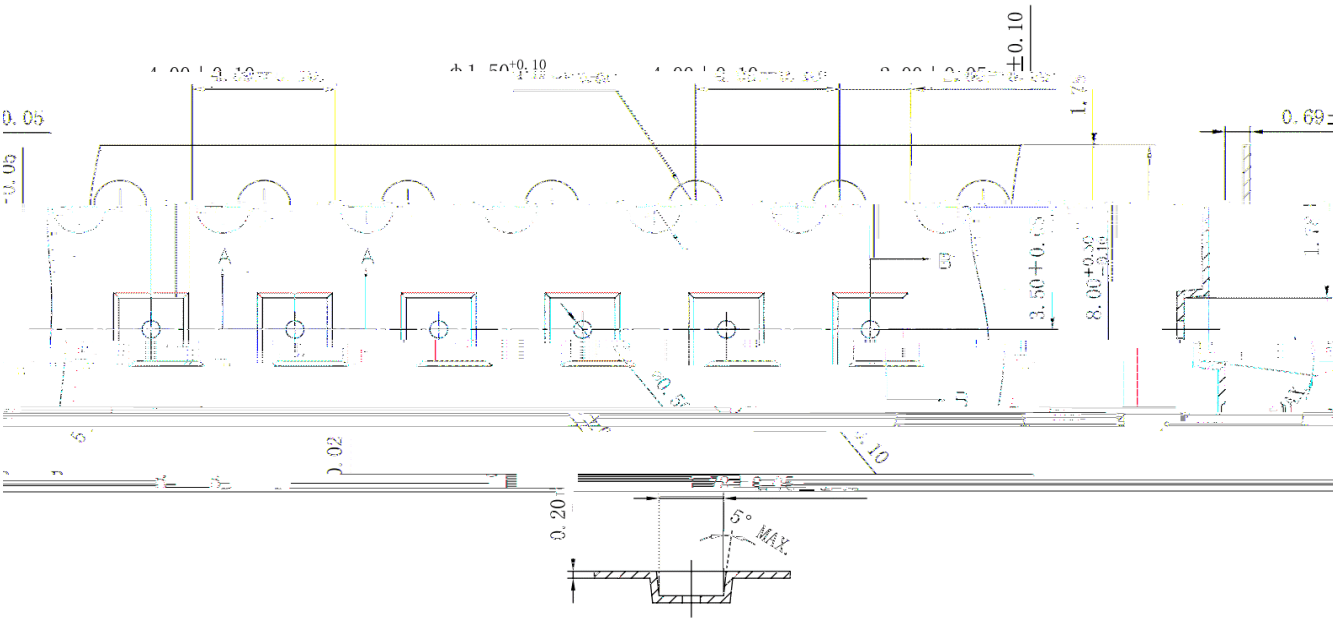

GAUGE PLANE
0.35


SEATING PLANE

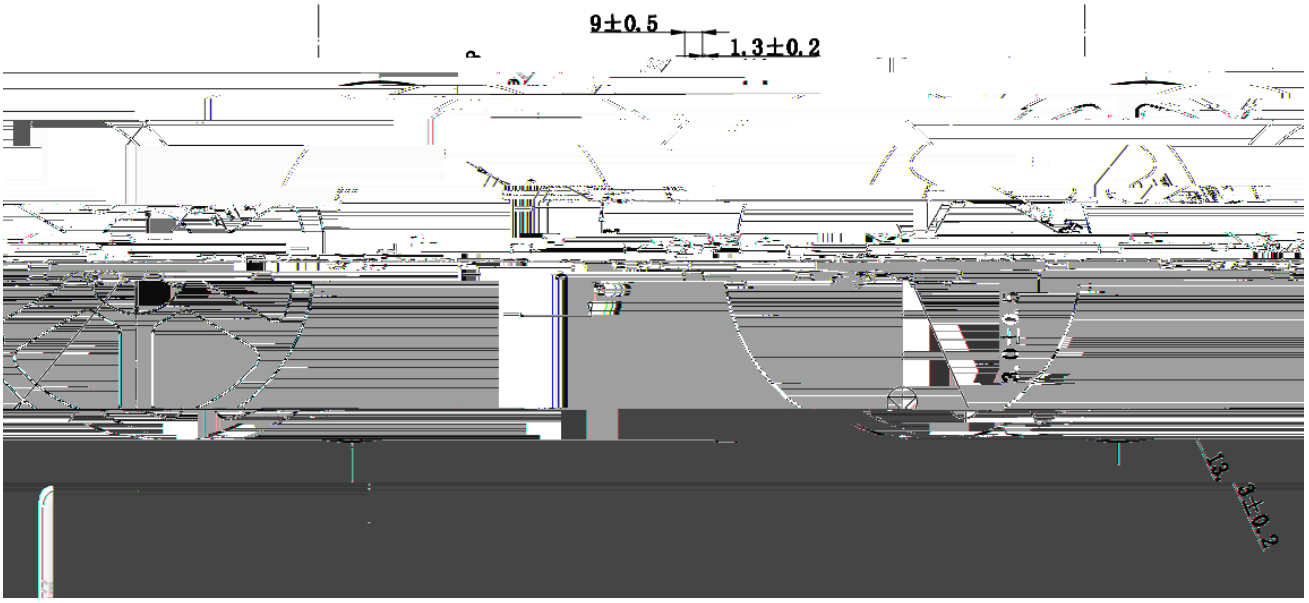
NOTE:







A – A



ITEM	W	A0	B0	K0	F	E	D1	D0	P0	P1	P2	t
	30	3.15	3.25	1.28	1.65	3.45	—	—	3.90	3.90	1.95	0.20
NOM	8.00	3.25	3.30	1.38	3.50	1.75	1.50	4.00	4.00	2.00	0.25	
MAX	8.30	3.35	3.40	1.48	3.60	1.85	1.60	4.10	4.10	2.05	0.30	

MIN 7.8

