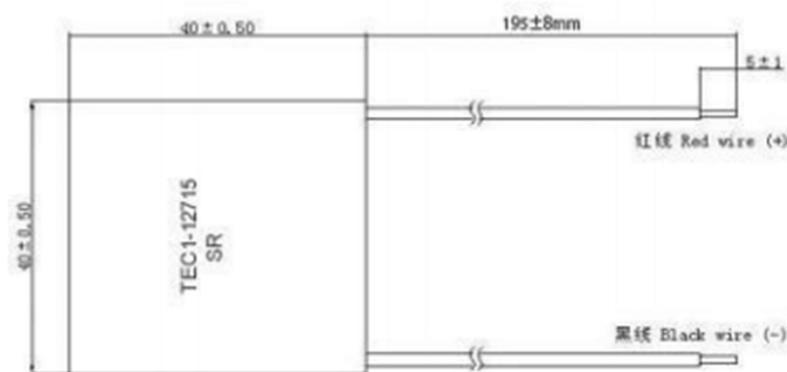


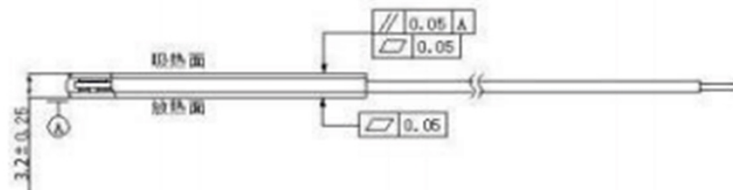
TEC1-12715

SR

广州偲瑞电子科技有限公司



技术指标 Performance data



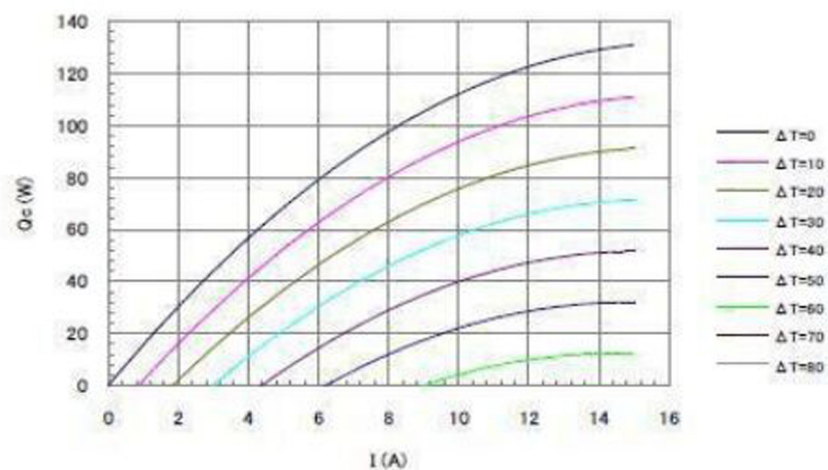
导线规格: 20#软硅胶导线

Item 项目		Value 值	Condition 测试条件
Maximum current 最大电流	$I_{max}(A)$	15	$Q_c=0, DT=Dt_{max}, Th=31^{\circ}C$
Maximum voltage 最大电压	$V_{max}(V)$	15.5	$Q_c=0, I=I_{max}, Th=31^{\circ}C$
Maximum DT 最大温差	$Dt_{max}(^{\circ}C)$	62	$Q_c=0, I=I_{max}, Th=31^{\circ}C$
Max.heat pump 最大吸热量	$Q_{cmax}(W)$	128	$I=I_{max}, Dt=0, Th=31^{\circ}C$
Max.temperature 最高过程温度	$Th(^{\circ}C)$	100	
AC resistance 电阻范围	$ACR(\Omega)$	0.7-0.9	

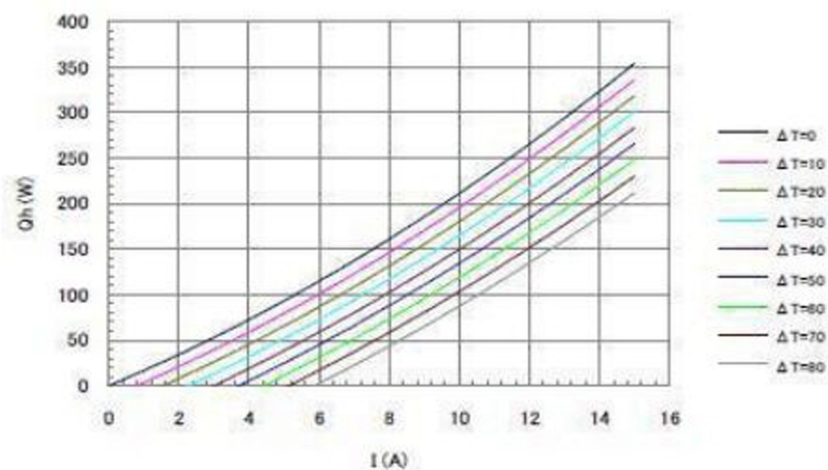
性能图表 Performance curve

$T_h = 31^\circ\text{C}$

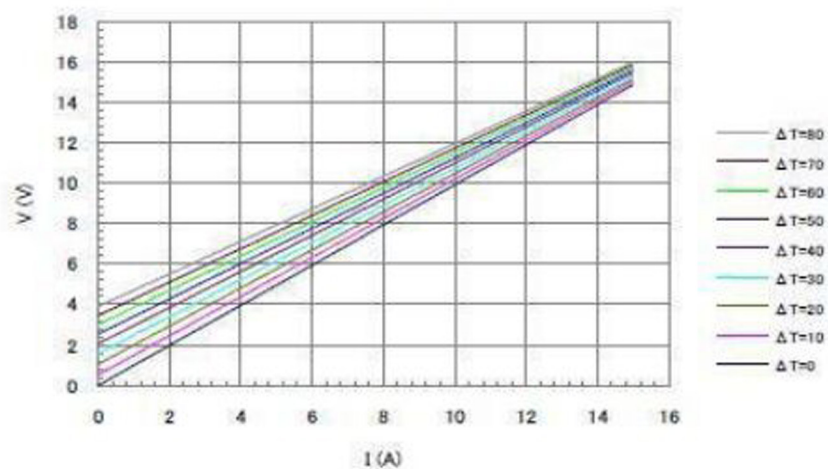
Q_c -I



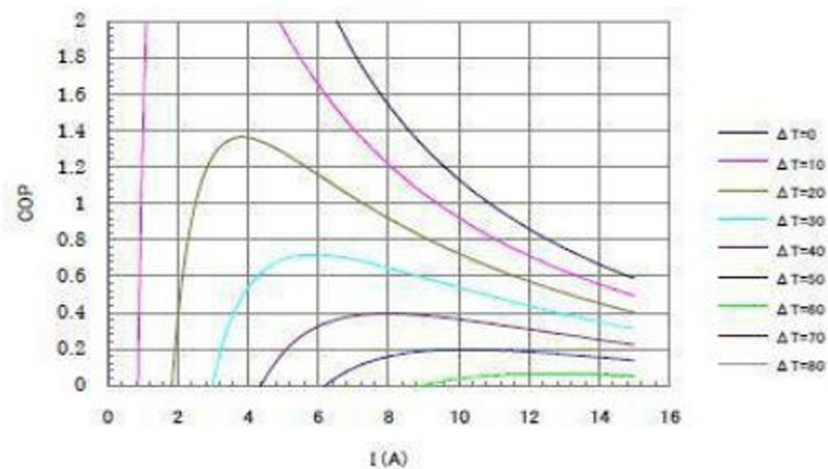
Q_h -I



V-I



COP-I



T_h : Temperature of heat radiating side
 Q_c : Heat absorbed (pumped)
 I : Input current
 ΔT : Temperature difference between heat radiating side and heat absorbing side

V : Input voltage
 Q_h : Heat radiated
 COP : Coefficient of performance
 In air