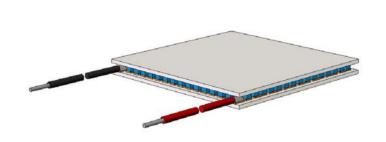
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(-) NEGAITIVE

SPECIFICATION OF THERMOELECTRIC MODULE ICE-71



Thermoelectrical parameters	Unit	Value	
Imax	Amps	8.0	
Umax	Volts	16.1	
ΔTmax	K	71	
Qmax	Watts	80	
R _{ac} (at 295 K)	Ohm	1.5	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

	80 ₁			Standa	rd Perforna	nce Graph Nº	1: Qc = f (dT)			
	OU -									
	70 ,									
	60									
	50				-					
Qc, Watt	40			<u>a</u>						
	30				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
	20					*				
	10						1			
	0 ()	10	20	30	40 dT, K	50	60	70	80
	- 252	% Imax		• 50% Imax		+ 75% Imax		+100% Imax		

_	COLD SIDE	// 0.03 A 0.02	
3,4 ±0,05	HOT SIDE	0.02 A	HB-0.35 4 600 (+) POSITIVE
1	-	40-02	120
			5
40-02			
			5

Assembly parameters	Unit	Value	
Wires	HB-0.35 4 600		
Cross section	mm ²	035	
Metallization	Not		
Sealing	-		
Internal solder	°C	139	
Brazing solder	°C	not	

Operational parameters	Unit	Value	
Working temperature range	°C	-50 ÷ +80	
Max. processing temperature	°C	130	
ROHS compliance		-	

