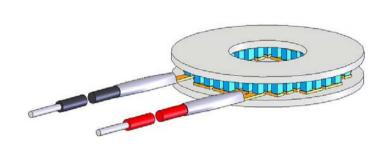
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SPECIFICATION OF THERMOELECTRIC MODULE TB-38-1.0-1.5CHR



| Thermoelectrical parameters | Unit | Value |
|------------------------------------|--------------|---------|
| Imax | Amps | 3.1 |
| Umax | Volts | 4.7 |
| ΔTmax | K | 69 |
| Qmax | Watts | 8.9 |
| $\mathbf{R_{ac}}$ (at 295 K) | Ohm | 1.12 |
| Tolerance | % | ±10 |
| All parameters except R_{ac} are | e given at T | h=300 K |

| 0 | | Standard | Performance | Graph N≘1: Q | c = f (dT) | |
|----------|-----|----------|-------------|--------------|--------------|---------|
| 9 | | | | | | |
| * | | | | | | |
| 7 | 7 | * | | | | |
| 6 | | | | | | |
| 5 | | | | | | |
| 5 4 | | | * | | | |
| 3 | | | | * | | |
| 2 | | | | | | |
| | | | | - | | |
| 1 | | | | | - | |
| 0 | 10 | 20 | 30 dT | 40 , K | 50 | 60 |
| 25% lmax | . 4 | 0% lmax | | 5% Imax | +100 | 1% Imax |

| 3,8 ±0,05 | HOT SIDE | 0.03 0.02 0.02 A | O.02 | HB-0.35 4 600 |
|-----------|---|---------------------------|------|----------------------------------|
| | Ø 24 ^{+0,5} -0,2 3 ^{+0,2} -0,5 | | | (+) POSITIVE 5 5 (-) NEGATIVE |

| Assembly parameters | Unit | Value |
|---------------------|-----------------|----------|
| Wires | HB-0 | 35 4 600 |
| Cross section | mm ² | 0.35 |
| Metallization | Not | |
| Sealing | Not | |
| Internal solder | °C | 139 |
| Brazing solder | °C | not |

| -50 ÷ +80 |
|-----------|
| C 130 |
| YES |
| |

