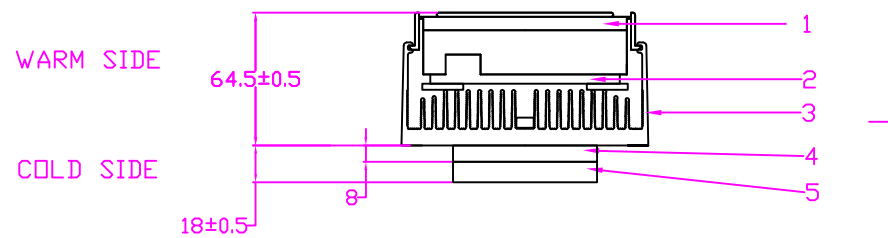



| SPECIFICATIONS (Ta=32°C)         | CODE # | DESCRIPTION                                      |
|----------------------------------|--------|--|
| Heat Transfer Cold side          | D      | Direct cooling of a flat surface                 |
| Heat Transfer Warm side          | A      | Air heat removal                                 |
| Cascade                          | C      | Multistage TEM system for high dT                |
| Cooling Effect                   | 089    | 89 W at dT=0°C and Ta=32°C                       |
| Voltage Nominal                  | 24     | 24 VDC (29,5 VDC MAX)                            |
| Current Nominal TE-Module(s)     |        | 7,2 A at dT=0°C<br>PE-192-1420-1525-S (2Sx2P=4X) |
| Fan(s) Cold side                 | 0      | None   |
| Fan(s) Warm side                 | 2      | 24VDC, 0,19A, 92x92x25(2x), MTBF 40.000 hrs L10  |
| Thermostat / Regulation & Sensor | 0      | None   |
| Thermostat Settings              | 0      | None   |
| Trimmable Accuracy & Hysteresis  |        |  |
| Thermostat Position & Casing     | 0      | None   |
| Options: Protections             | 0      | None   |
| Rapid Cooling / Economy          |        | None   |
| Weight                           |        | 4 kg net   |
| Overheating Thermostats          |        | 75°C±5°C on warm side heat sink surface          |
| Max. operating Temperature       |        | 51°C ambient                                     |
| Enclosed                         |        | Cable L= 1500                                    |
| Packing                          |        | Individual cardboard box                         |



| POS: | ITEM No.:    | DESCRIPTION                                       | QTY | NOTE                 |
|------|--------------|---|-----|----------------------|
| 1    | Finger Guard | Plastics, black                                   | 2   |                      |
| 2    | Fan          | Plastics  | 2   |                      |
| 3    | Heat sink    | Anodised Alu, black                               | 2   |                      |
| 4    | Seal         | Polyethylene, self-adhesive                       | 1   |                      |
| 5    | Cold Plate   | Anodised Alu, silver                              | 1   | Apply thermal grease |
| 6    | Connector    | ± Input terminal (screws) on PC board (warm side) | 1   | beneath finger guard |

|  |                                       |                           |                            |                           |
|--|---------------------------------------|---------------------------|----------------------------|---------------------------|
| Qty/Product:   | Material:                             | Project: Standard         |                            |                           |
| Designed by:<br>Pavel Cech   | Approved by / sign.:<br>Hans Lindberg | Customer:                 | Date/Rev.No:<br>S-99-10-14 | Scale<br>1                |
|   |                                       | <b>COOLING-ASSEMBLY</b>   |                            |                           |
| Supercool AB<br>Box 27, 40120 Göteborg, Sweden<br>tel: +46 31 420530, fax: +46 31 247909<br>e-mail: pavel@supercool.se<br>www.supercool.se |                                       | <b>DAC089-24-02-00-00</b> |                            | SS-ISO2768-1<br>Sheet 1/1 |