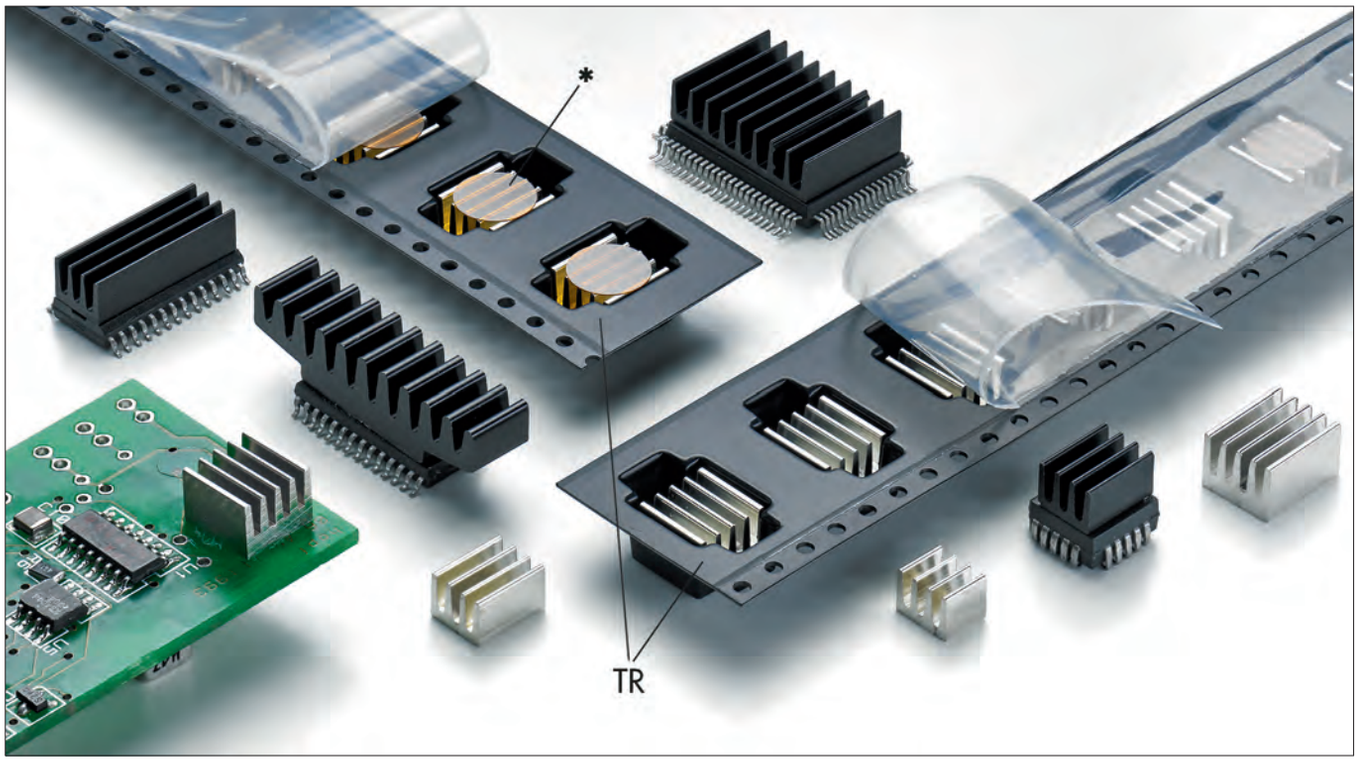
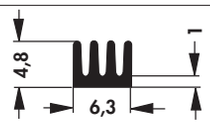
fischer elektronik

# Heatsinks for SMD

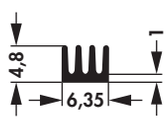


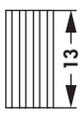

- especially suitable for SMD components
- low profile
- reduced weight
- effective heat dissipation
- can be glued directly onto the component
- solderable versions
- customer specific versions on request
- special packaging like tape and reel, bar magazin, tray etc. on request
- * = capton point
- TR = pick and place pad, tape and reel



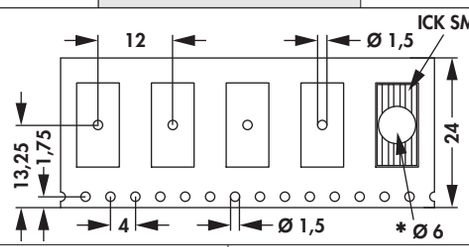

| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD A 5 ...** | 5 | 123 | **ICK SMD A 13 ...** | 13 | 63 |
| **ICK SMD A 8 ...** | 8 | 87 | **ICK SMD A 17 ...** | 17 | 51 |
| **ICK SMD A 10 ...** | 10 | 75 | **ICK SMD A 22 ...** | 22 | 34 |

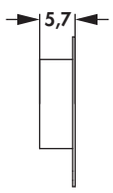
ICK SMD A 13




ICK SMD A 13



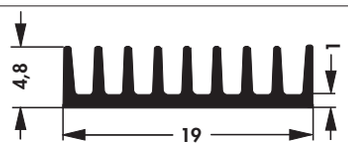




| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD A 13 ... TR** | 63 | 330 | 24 | 1000 |

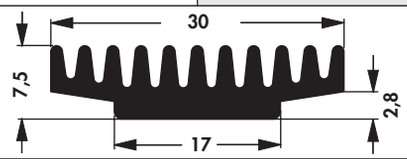
**please indicate:** **... surface**
**SA = black anodised**
**MI = solderable surface**



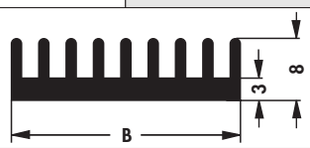
EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626




| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD B 5 ...** | 5 | 56 | **ICK SMD B 13 SA** | 13 | 29 |
| **ICK SMD B 7 SA** | 7 | 47 | **ICK SMD B 19 ...** | 19 | 22 |
| **ICK SMD B 10 SA** | 10 | 35 | | | |

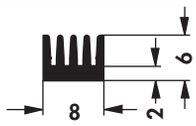



| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD C 7 SA** | 7 | 33 | **ICK SMD C 17 ...** | 17 | 17 |
| **ICK SMD C 10 SA** | 10 | 26 | | | |



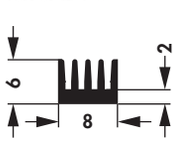

B ≙ ⟷

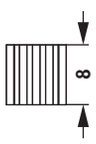
| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD E 15 SA** | 15.3 | 27 | **ICK SMD E 29 SA** | 29.0 | 18 |
| **ICK SMD E 22 SA** | 22.3 | 21 | | | |



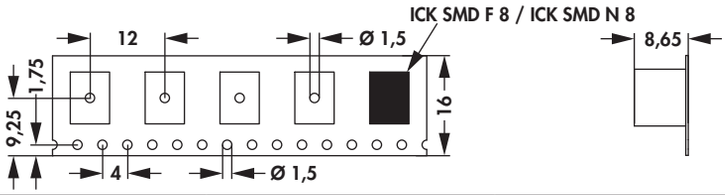

| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD F 8 ...** | 8 | 74 | **ICK SMD F 19 ...** | 19 | 37 |
| **ICK SMD F 10 ...** | 10 | 71 | **ICK SMD F 21 ...** | 21 | 33 |
| **ICK SMD F 17 SA** | 17 | 42 | **ICK SMD F 26 ...** | 26 | 26 |

ICK SMD F 8



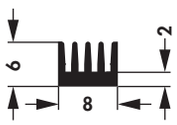




ICK SMD F 8 / ICK SMD N 8

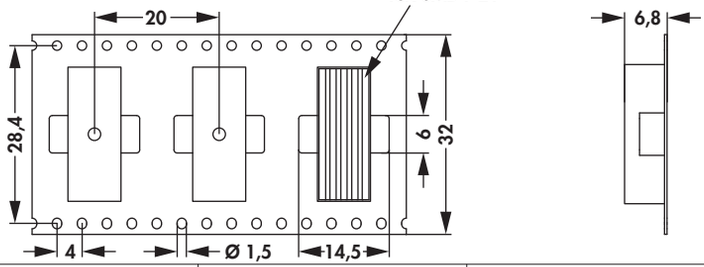



| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD F 8 ... TR** | 74 | 330 | 16 | 700 |

ICK SMD F 21



ICK SMD F 21




| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD F 21 ... TR** | 33 | 330 | 32 | 500 |

**please indicate:** **... surface**
**SA = black anodised**
**MI = solderable surface**

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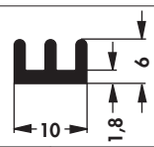
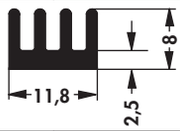
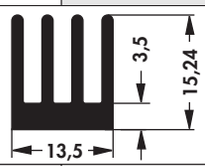
## heatsink for SMD




| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD G 8 MI** | 8 | 73 | **ICK SMD G 17 SA** | 17 | 41 |
| **ICK SMD G 10 ...** | 10 | 70 | **ICK SMD G 19 SA** | 19 | 36 |
| **ICK SMD G 13 SA** | 13 | 61 | **ICK SMD G 21 ...** | 21 | 32 |

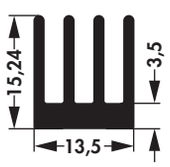


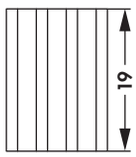

| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD H 8 ...** | 8 | 33.0 | **ICK SMD H 19 SA** | 19 | 23.0 |
| **ICK SMD H 10 ...** | 10 | 29.0 | **ICK SMD H 25 ...** | 25 | 20.0 |
| **ICK SMD H 17 ...** | 17 | 24.5 | | | |



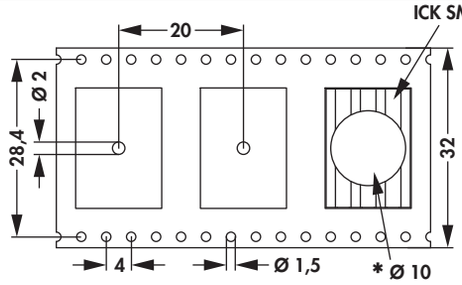

| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD K 8 ...** | 8 | 25.6 | **ICK SMD K 17 ...** | 17 | 19.4 |
| **ICK SMD K 10 SA** | 10 | 23.4 | **ICK SMD K 19 ...** | 19 | 18.0 |
| **ICK SMD K 13 ...** | 13 | 21.5 | **ICK SMD K 21 ...** | 21 | 16.5 |

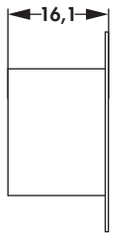
ICK SMD K 19



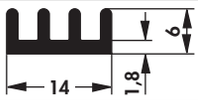




ICK SMD K 19




| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD K 19 ... TR** | 18 | 330 | 32 | 215 |

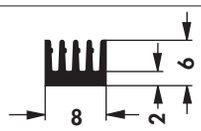



| art. no. | ⟷ [mm] | $R_{th}$ [K/W] | art. no. | ⟷ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD M 8 SA** | 8 | 72 | **ICK SMD M 19 SA** | 19 | 35 |
| **ICK SMD M 10 SA** | 10 | 66 | **ICK SMD M 21 SA** | 21 | 31 |
| **ICK SMD M 17 MI** | 17 | 40 | | | |

**please indicate:** **... surface**
**SA = black anodised**
**MI = solderable surface**

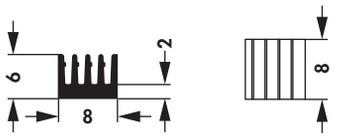


EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626

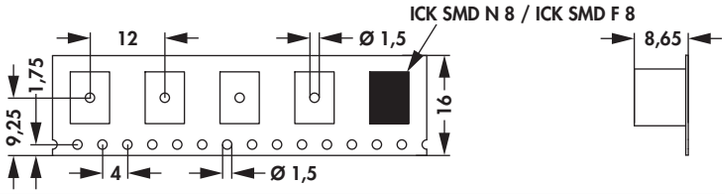


| art. no. | ↔ [mm] | $R_{th}$ [K/W] | art. no. | ↔ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD N 8 ...** | 8 | 74 | **ICK SMD N 19 ...** | 19 | 37 |
| **ICK SMD N 10 ...** | 10 | 71 | **ICK SMD N 21 ...** | 21 | 33 |
| **ICK SMD N 17 ...** | 17 | 42 | **ICK SMD N 26 ...** | 26 | 26 |

ICK SMD N 8

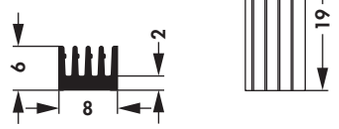



ICK SMD N 8 / ICK SMD F 8

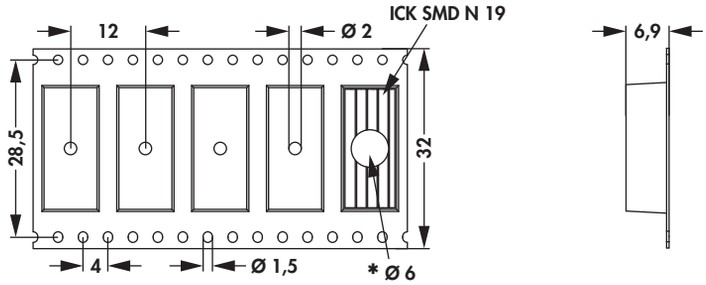



| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD N 8 ... TR** | 74 | 330 | 24 | 700 |

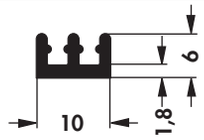
ICK SMD N 19




ICK SMD N 19




| art. no. | $R_{th}$ [K/W] | diamater of tape [mm] | width of belt [mm] | quantity per reel |
|---|---|---|---|---|
| **ICK SMD N 19 ... TR** | 37 | 330 | 32 | 800 |



| art. no. | ↔ [mm] | $R_{th}$ [K/W] | art. no. | ↔ [mm] | $R_{th}$ [K/W] |
|---|---|---|---|---|---|
| **ICK SMD O 8 ...** | 8 | 73 | **ICK SMD O 19 ...** | 19 | 36 |
| **ICK SMD O 10 ...** | 10 | 70 | **ICK SMD O 21 ...** | 21 | 31 |
| **ICK SMD O 17 ...** | 17 | 41 | **ICK SMD O 25 ...** | 25 | 26 |

**please indicate:** **... surface**
**SA = black anodised**
**MI = solderable surface**

## Sample box SMD heatsinks

– contains an assortment of SMD heatsinks with anodised and solderable surface as well as thermally conductive glue (**WLK**) and double-sided adhesive thermal foil (**WLF**)

| art. no. |
|---|
| **ICK SMD BOX 1** |



EL.ITALIA
www.elitaliaweb.it
info@elitaliaweb.it
+39 0233611626