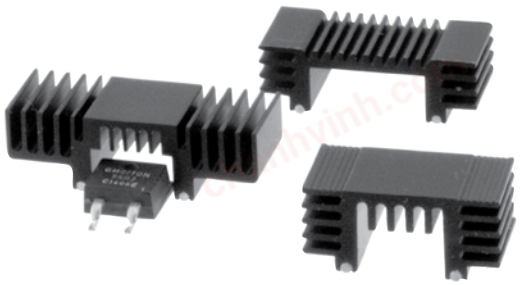
chanhvinh.com

D Series

Heatsink For TO-252, TO-263 and TO-268 devices



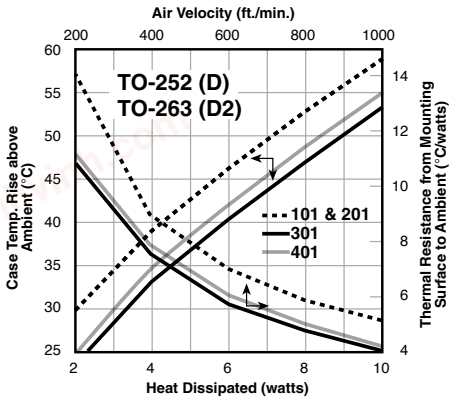
Ohmite D Series heatsinks provide an innovative solution for SMT compatible semiconductors and resistors. The unique design (Patent Pending) combines tin plated, solderable rods with an aluminum extruded heat sink body. These rods (or "rollers") are mated mechanically to the heatsink by forging to reduce the thermal resistance between the heatsink body and the solderable feet.

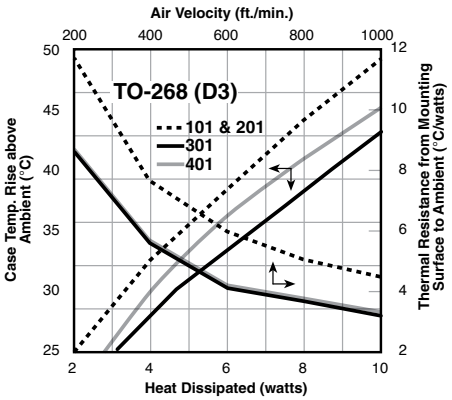
Specifically designed for use with the increasingly popular TO-252, TO-263 and TO-268 packages, the D Series affords the user superior thermal performance over the more common stamped aluminum heatsinks. By eliminating the staking joint typically used in stamped heatsinks, the resulting air gap and thermal "bottle-neck" is also eliminated, while surface area for cooling is maximized with the extruded fins of the D Series body.

FEATURES

- Increased surface areas by 3 times therefore thermal performance up to 300% over the aluminum stamped heat sinks on markets
- Light weight aluminum construction allows faster pick and place assembly reducing the manufacturing cycle time
- Radius mounted "Rollers" are designed for maximizing heat transfer from the component and avoiding the thermal "bottle-neck" seen in stamped and staked heatsinks.
- Available in tape and reel (200 or 250 based on part series)
- RoHS Compliant

HEAT DISSIPATION





Final thermal performance is highly dependent on the thermal characteristics of the PCB. It is possible to see a 50% drop in temp rise in natural convection with a thermally improved PCB.

(continued)

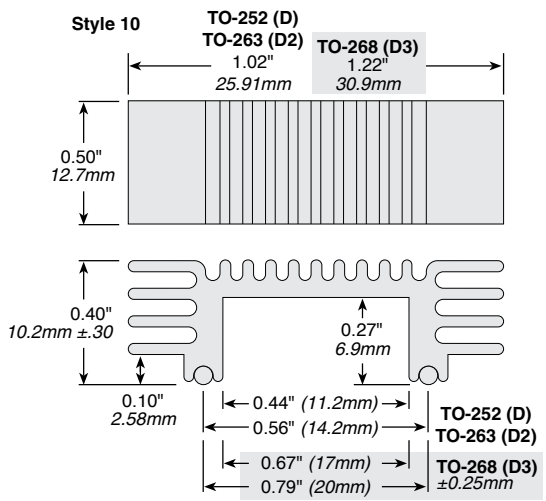
chanhvinh.com

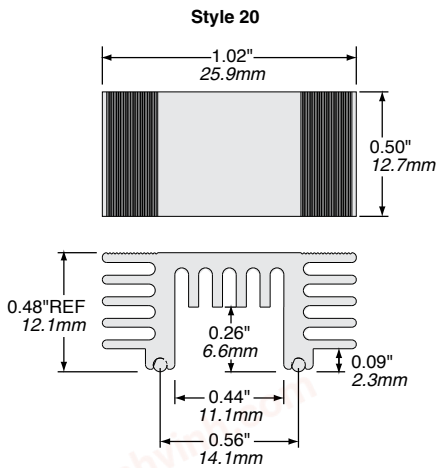
D Series

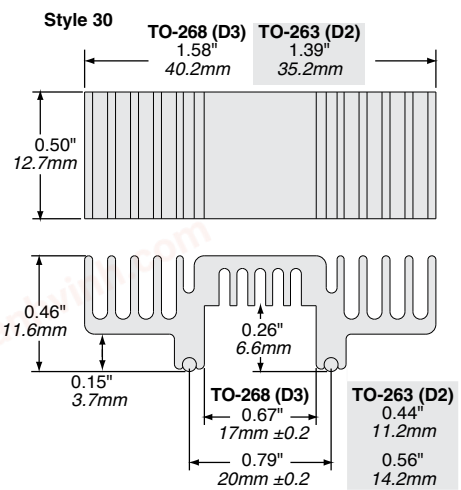
Heatsink For TO-252, TO-263 and TO-268 devices

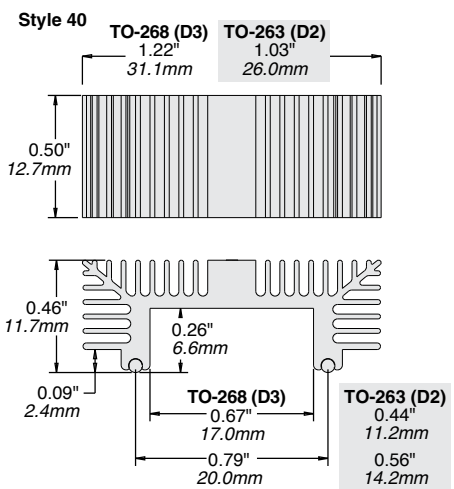
DIMENSIONS

±0.012" / ±0.30mm









(continued)

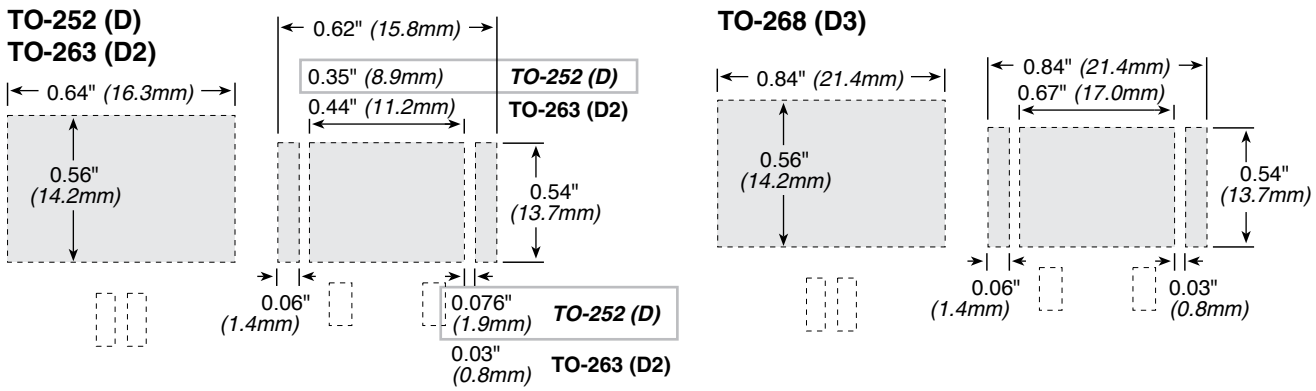
chanhvinh.com

D Series

Heatsink For TO-252, TO-263 and TO-268 devices

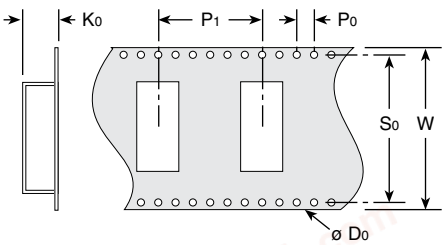
LAND PATTERNS

Land Patterns for D, D2 and D3

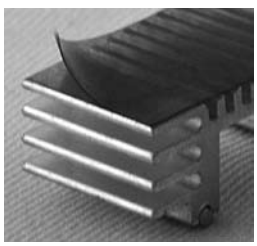


TAPE AND REEL

Reel diameter: 13.00" (330.00mm)
200 pcs per reel- 20, 30 and 40 series
250 pcs per reel- 10 series

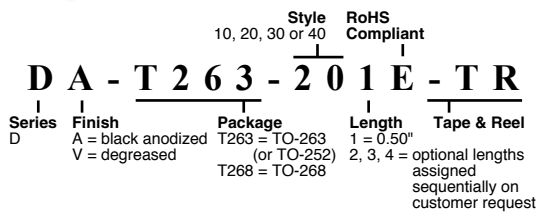


	Style 10	Style 20	Style 30	Style 40
D_0	1.55mm	1.5mm	1.5mm	1.55mm
K_0	10.5mm	12.20mm	11.50mm	10.5mm
P_0	4mm	4.0mm	4.0mm	4mm
P_1	24mm	24mm	24.0mm	24mm
S_0	40.4mm	40.4mm	52.4mm	40.4mm
W	44mm	44mm	56mm	44mm



Removable Kapton tape on each part facilitates handling by automatic pick and place equipment. **Style 10 tape and reel only.**

ORDERING INFORMATION



Standard part numbers For D Series

Part Number	Description	Packaging	Weight
DV-T263-101E-TR	for D2 PAK, degreased	Reel	3.8 g
DA-T263-101E-TR	for D2 PAK, black anodized	Reel	3.8 g
DV-T268-101E-TR	for D3 PAK, degreased	Reel	4.1 g
DA-T268-101E-TR	for D3 PAK, black anodized	Reel	4.1 g
DV-T263-201E-TR	for D or D2 PAK, degreased	Reel	3.6 g
DA-T263-201E-TR	for D or D2 PAK, black anodized	Reel	3.6 g
DV-T268-301E-TR	for D3 PAK, degreased	Reel	4.3 g
DA-T268-301E-TR	for D3 PAK, black anodized	Reel	4.3 g
DV-T263-301E-TR	for D2 PAK, degreased	Reel	4.1 g
DA-T263-301E-TR	for D2 PAK, black anodized	Reel	4.1 g
DV-T263-401E-TR	for D2 PAK, degreased	Reel	3.9 g
DA-T263-401E-TR	for D2 PAK, black anodized	Reel	3.9 g