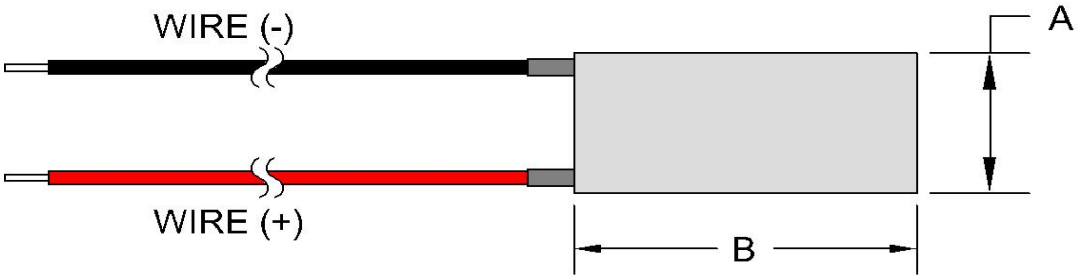
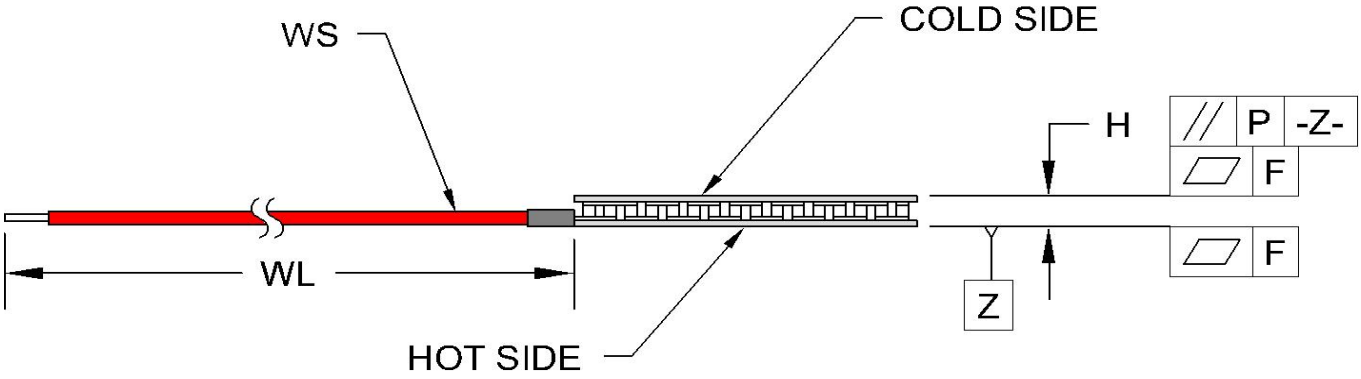
TE-63-1.4-1.15 Thermoelectric Module (Peltier Module) Specifications		Material Specifications (27 °C hot side temperature)	Material Specifications (50 °C hot side temperature)
	Vmax (V)	7.8	8.6
	Imax (A)	7.9	7.9
	Qmax (W)	37.9	41.6
	DTmax (°C)	69	78
	Operation/storage temperature	-40 °C to +80 °C	

Module *material* specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/-10%.

In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.

Please review all product and technical information, *Thermoelectric Module Mounting Procedure,* parameter definitions, FAQ's, and ordering information posted on our website before purchasing or using this product.





Width, A (mm)	20 +0.5/-0.2
Width, B (mm)	40 +0.5/-0.2
Height, H (mm)	3.6 ±0.05
Flatness, F (mm)	0.02
Parallelism, P (mm)	0.03
Wire Size, WS (mm²)	0.34
Wire Length, WL (mm)	120

Optional Features and Notes:

Add "P" to part number for sealing module with epoxy potting.

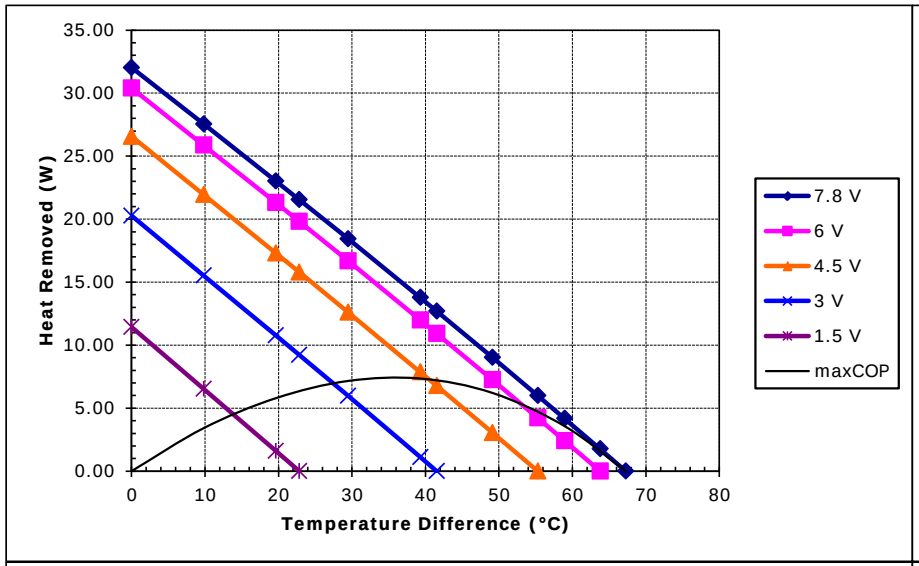
Performance graphs include thermal resistance of substrates.

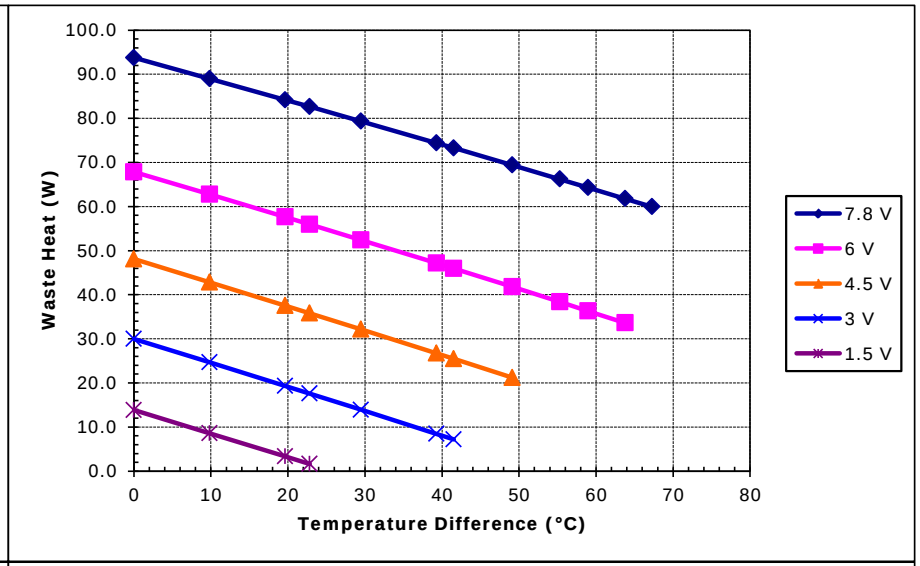
RoHS Compliant

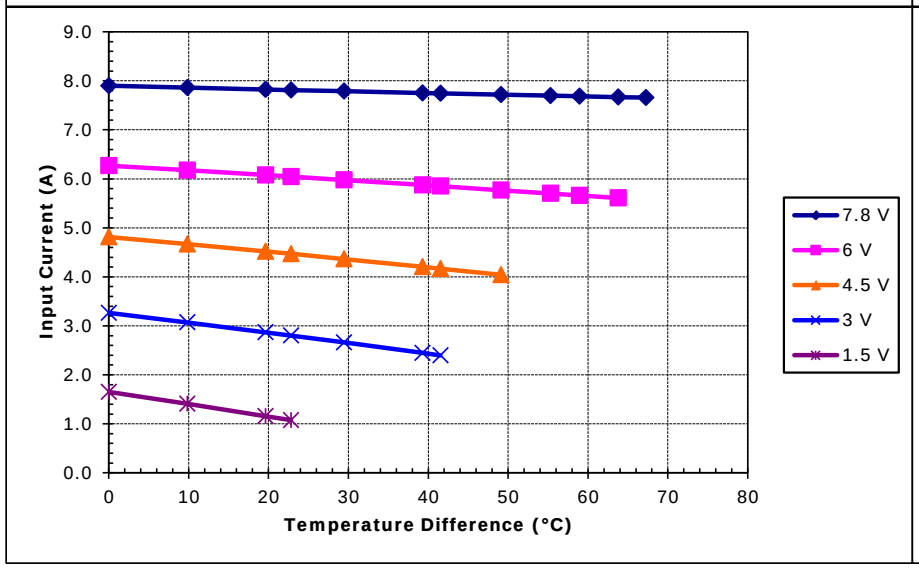
TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com

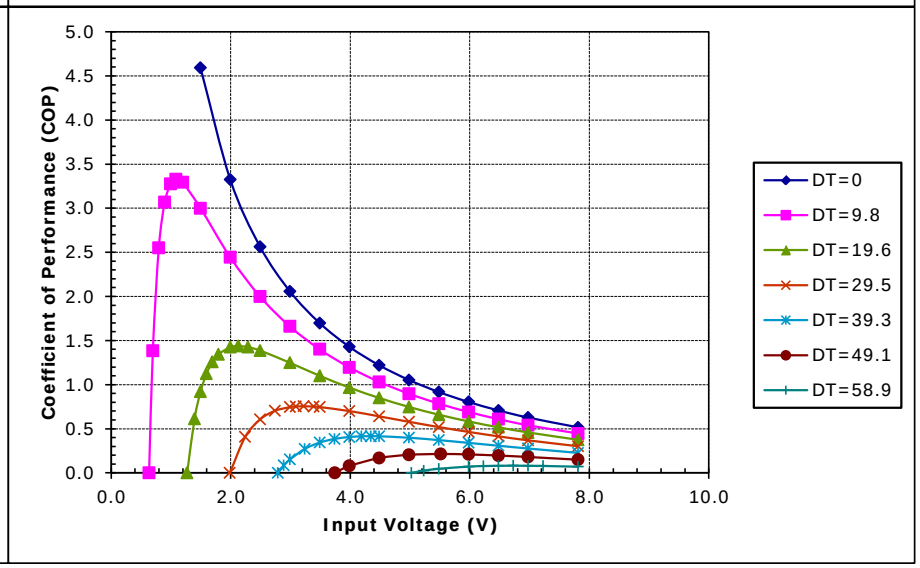
NOTE: All specifications are subject to change without notice. © 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com





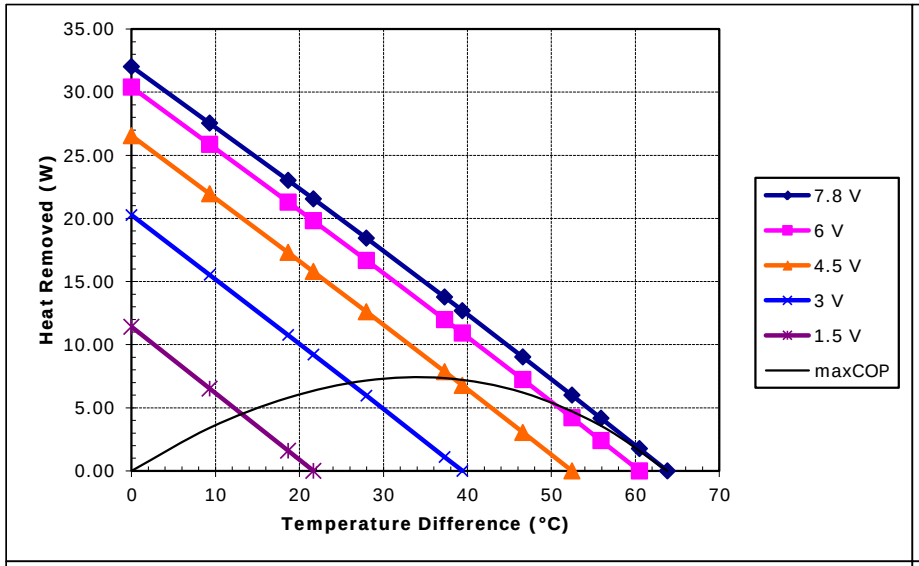


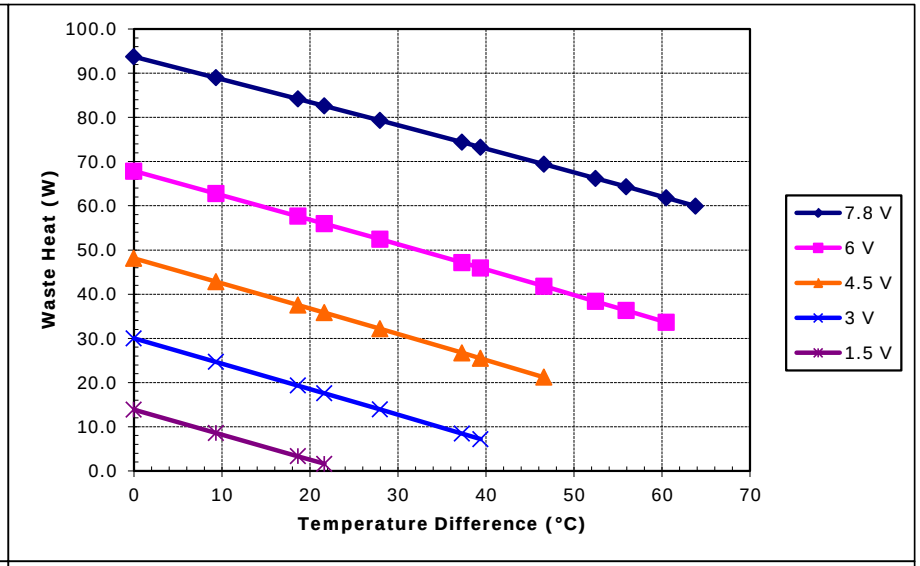


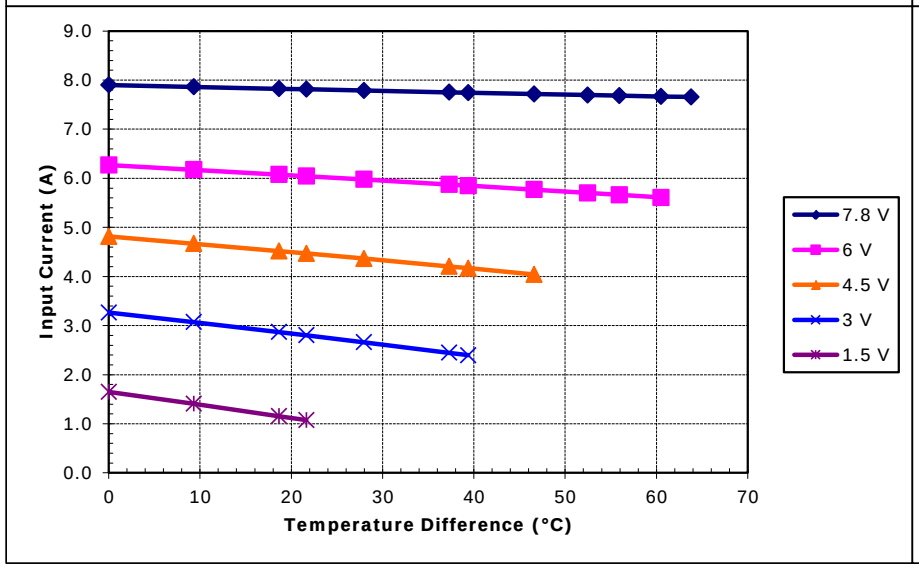
Unpotted TE-63-1.4-1.15 at a hot-side temperature of 30 °C

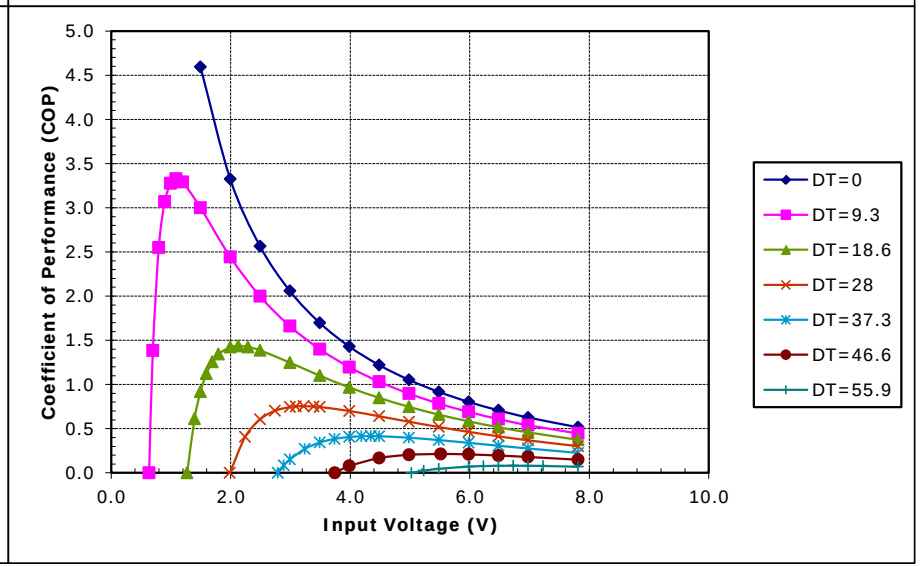
© 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com





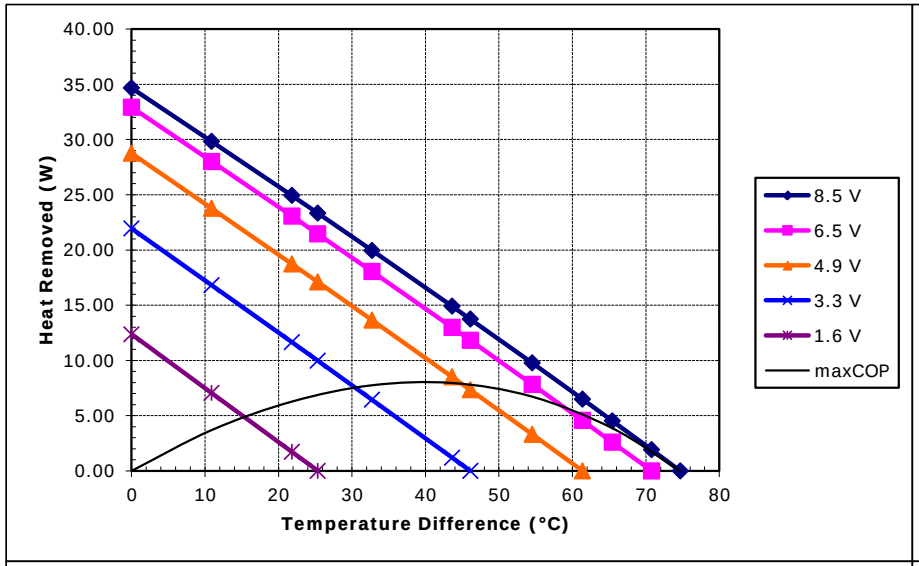


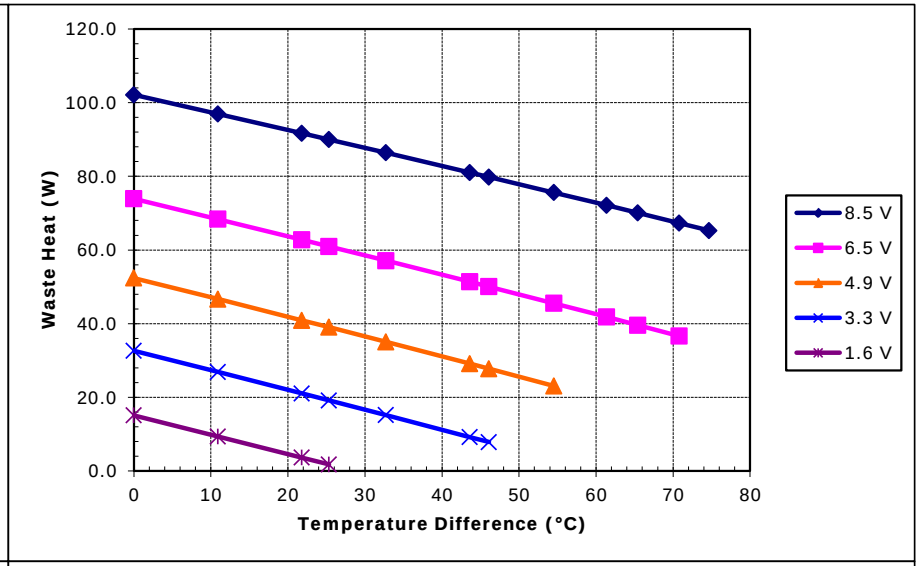


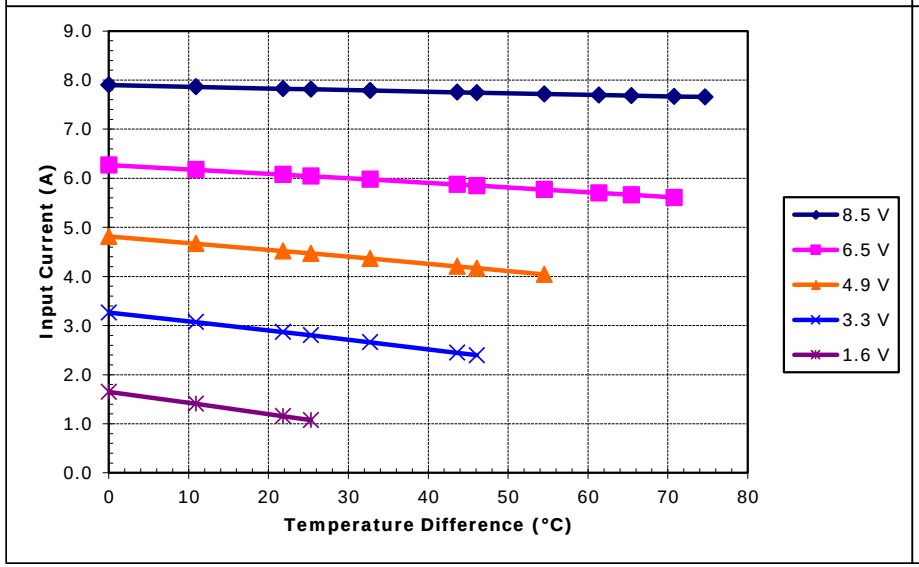
Potted TE-63-1.4-1.15 at a hot-side temperature of 30 °C

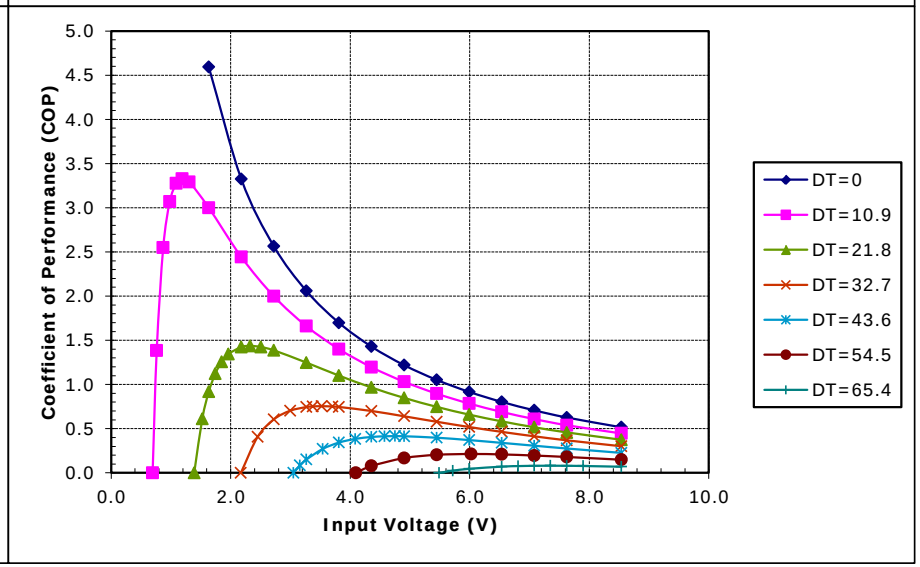
© 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com





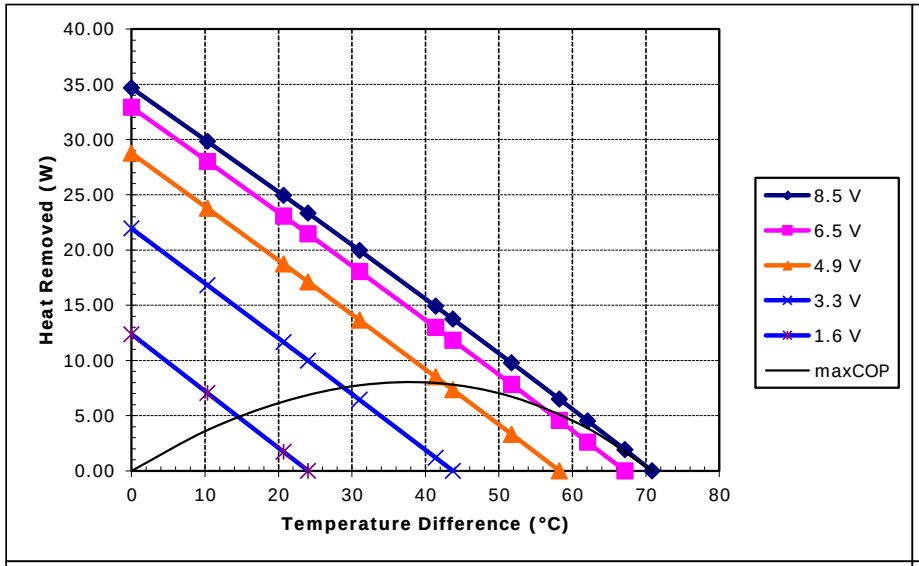


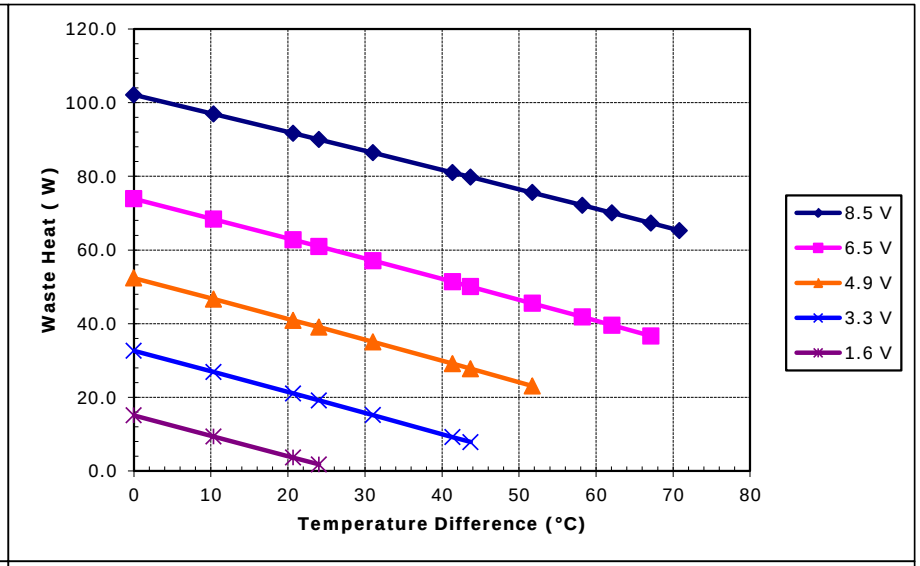


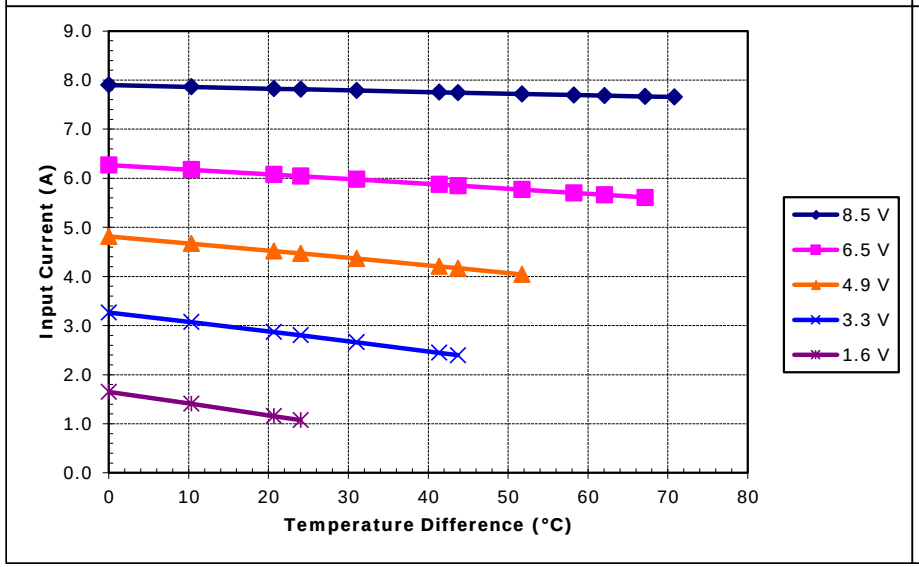
Unpotted TE-63-1.4-1.15 at a hot-side temperature of 50 °C

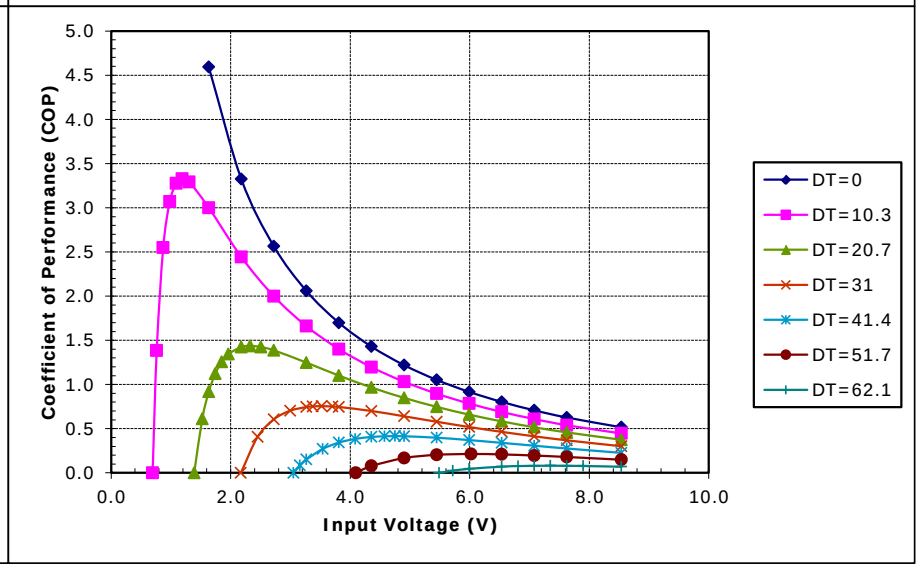
© 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com





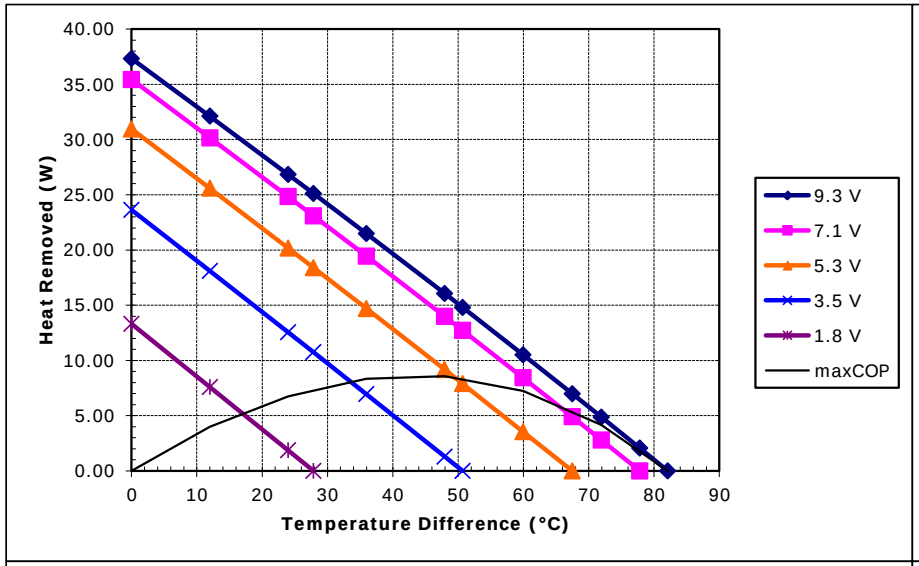


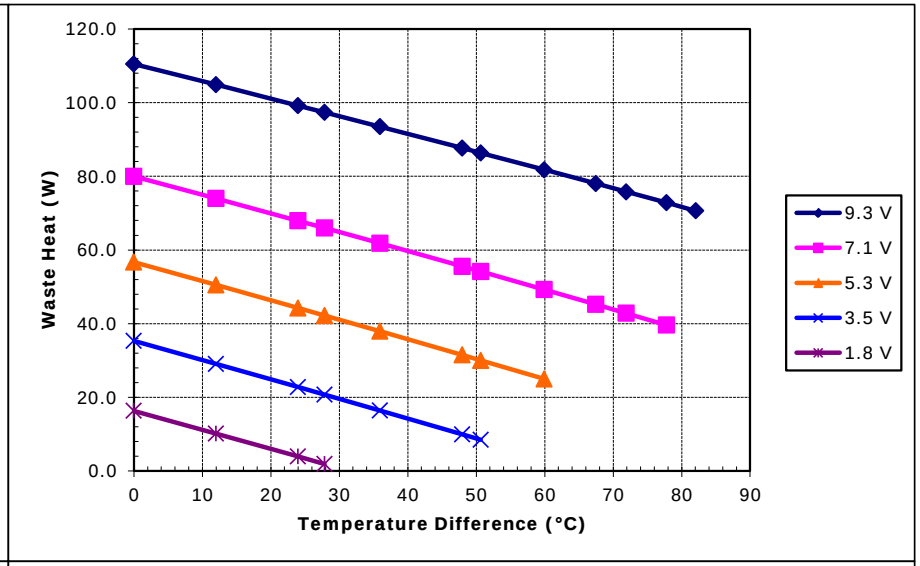


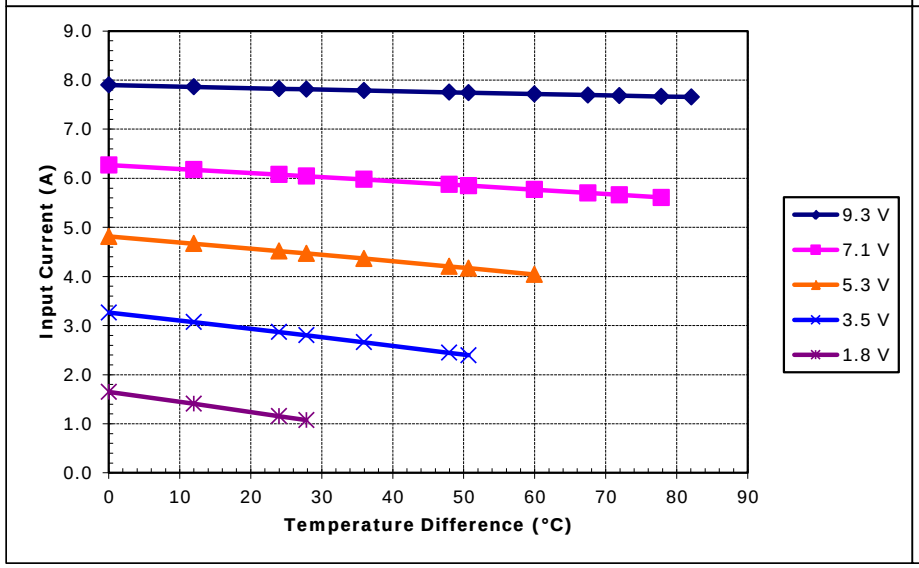
Potted TE-63-1.4-1.15 at a hot-side temperature of 50 °C

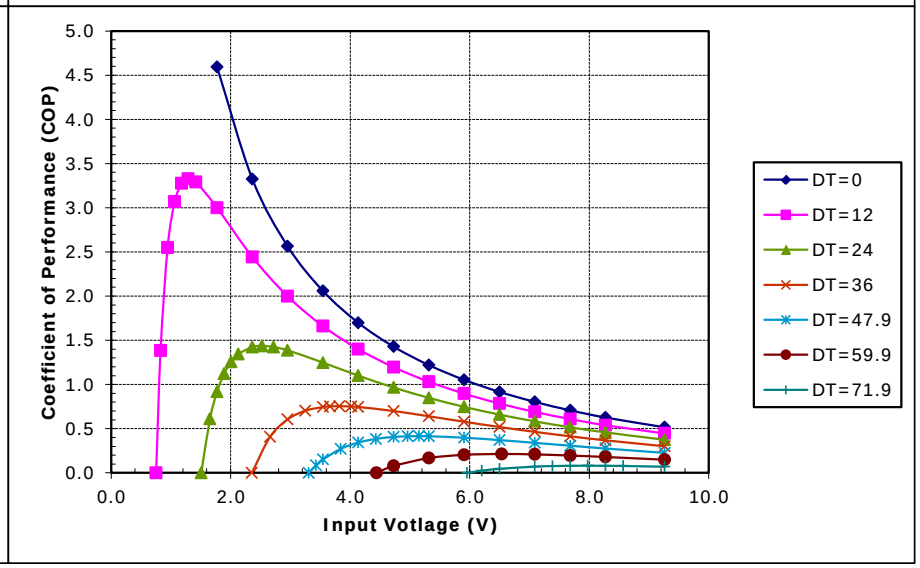
© 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com





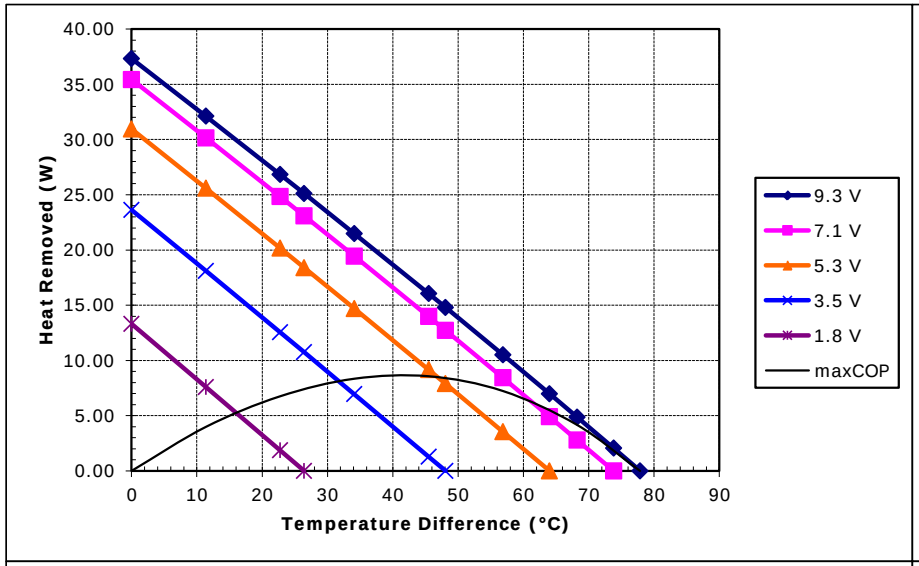


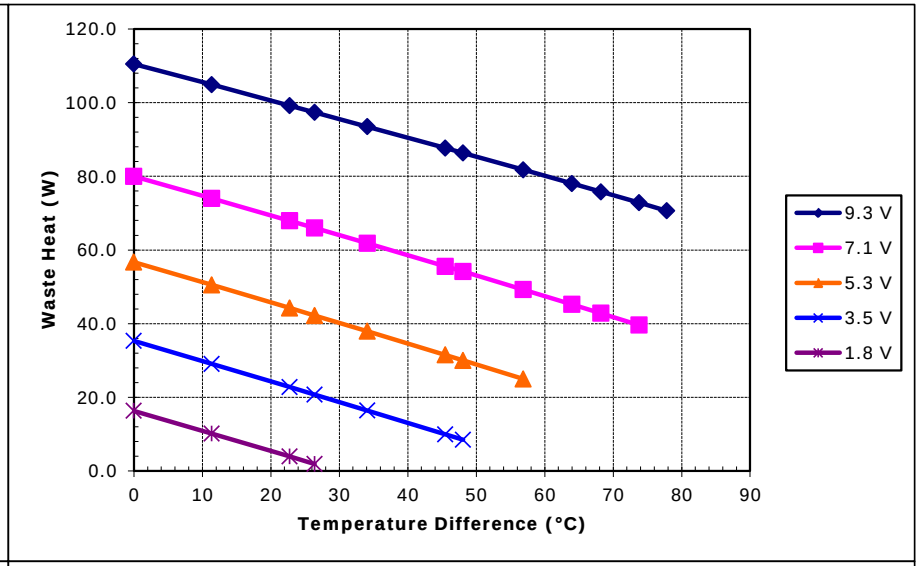


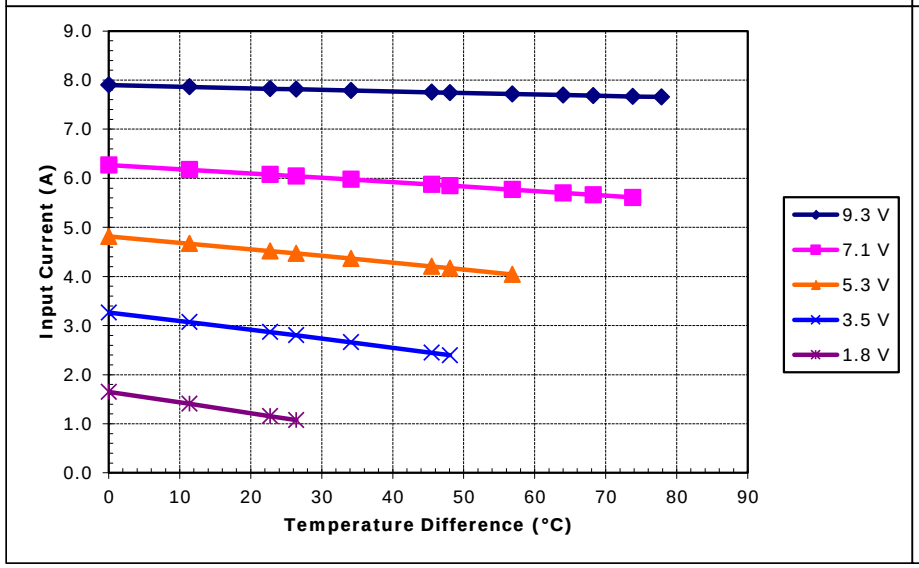
Unpotted TE-63-1.4-1.15 at a hot-side temperature of 70 °C

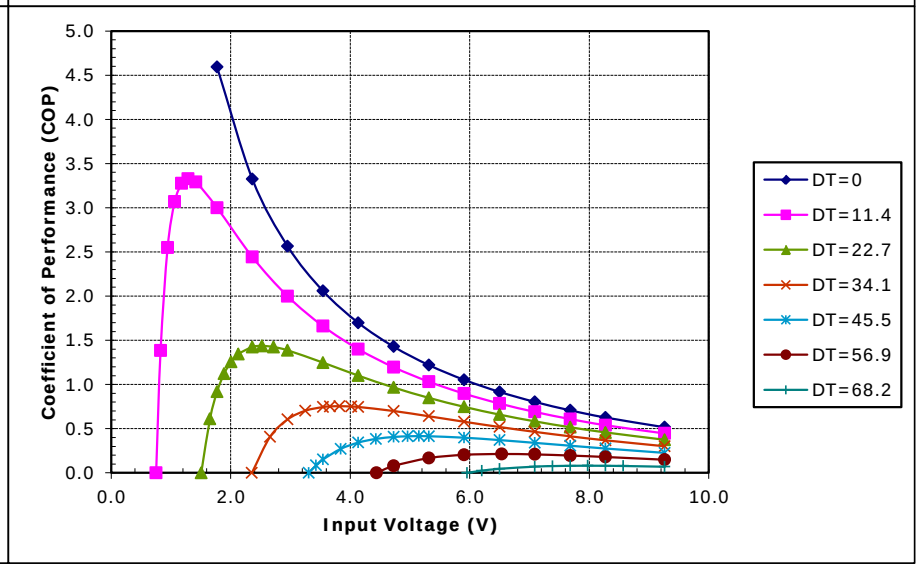
© 2010 TE Technology, Inc.

TE TECHNOLOGY, INC.®
1590 Keane Drive, Traverse City, MI, 49696-8257 USA
PH: 231-929-3966 FAX: 231-929-4163 email: cool@tetech.com









Potted TE-63-1.4-1.15 at a hot-side temperature of 70 °C

© 2010 TE Technology, Inc.