

Equation

Eqn1

$R_{top} = (1.000001 - (Rotation / (Max\_Rotation + 1e-20))) * R\_pot\_Temp$

$Tpcoeff = Taper\_Coeff + (Conformity + Linearity * \sin(Rad\_Angle)) / 100$

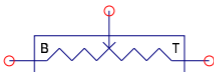
$Rad\_Angle = Rotation * \pi / 180$

$R\_pot\_Temp = R\_pot * (1 + Temp\_Coeff * (Temp - Tnom)) / 1e6$

$R_{bot} = (0.000001 + (Rotation / (Max\_Rotation + 1e-20))) * R\_pot\_Temp$

$RTB = (LEVEL == 2 ? (Taper\_Coeff != 0.0) ? R\_pot\_Temp * Tpcoeff : 1e15 : 1e15)$

$RTT = (LEVEL == 3 ? (Taper\_Coeff != 0.0) ? R\_pot\_Temp * Tpcoeff : 1e15 : 1e15)$



POT1

$R\_pot = 10k$

Rotation=120

Taper\_Coeff=0

LEVEL=1

Temp=26.85

Max\_Rotation=240

Conformity=0.2

Linearity=0.2

Tnom=26.85

Temp\_Coeff=100

Contact\_Res=1