



SPECIFICATION OF V.R ( Model:C3005G11A1-B100K)

■Electrical characteristics 電氣性能

ITEM 項目	SPECIFICATIONS 規格
Total resistance 總阻值	100K $\Omega$ <input type="checkbox"/> $\pm 10\%$ <input checked="" type="checkbox"/> $\pm 20\%$ <input type="checkbox"/> 其他
Resistance taper 阻抗變化特性	B
Rated power 額定功率	Linear taper B 0.05W, Other taper:0.025W
Max.operating voltage 最大工作电压	100V
Insulation resistance 絕緣阻抗	100M $\Omega$ at DC 250V
Withstand voltage 耐電壓特性	1 minute at AC 300V
Residual resistance 殘留阻值	Term 1~2:Less than 20 $\Omega$ ; Term 2~3: Less than 20 $\Omega$
Gang error 同步誤差 (双联)	-40dB~0dB $\pm$ 3dB
Slide noise 滑动雜音	Less than 100 mV
Switch rated power 開關額定功率	/
Contact resistance of power 開關接觸電阻	/

■Mechanical characteristics 機械性能

ITEM 項目	SPECIFICATIONS 規格
Slide travel 滑动行程	30 $\pm$ 1.0mm
Slide torque 滑动力矩	20~200gf.cm
Stopper strength 止動強度	3.0Kgf.cm Min.
Push-pull strength 軸柄推拉強度	/
Switch action 開關作用力	/
Switch rotation angle 開關回轉角度	/
Bushing nut tighten strength 軸套螺母緊固度	/
Number of detents(click) 旋轉定位位置及數目	
Click Slip-out force 定位推動力	

■Endurance characteristics 耐久性能

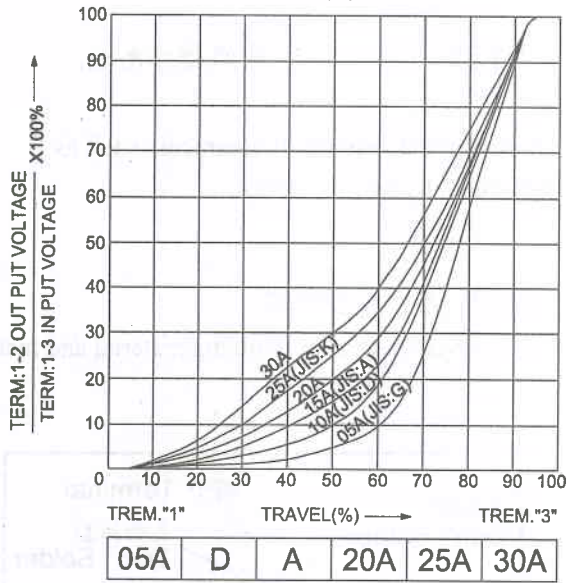
ITEM 項目	SPECIFICATIONS 規格
Slide life 滑动壽命	10,000 Cycles min
Storage temperature range 儲存溫度	-30 $^{\circ}$ C~+80 $^{\circ}$ C
Operating temperature range 使用溫度	-10 $^{\circ}$ C~+70 $^{\circ}$ C
Soldering heat characteristic 焊錫耐熱性	Solder temperature :260 $\pm$ 5 $^{\circ}$ C or Less Immersion time:within 3S.

本产品只适用单面铜箔积层板，应避免焊锡流到积层板平面，否则会引起接触不良。在无法避免焊锡流出情况下，请与本公司联系。

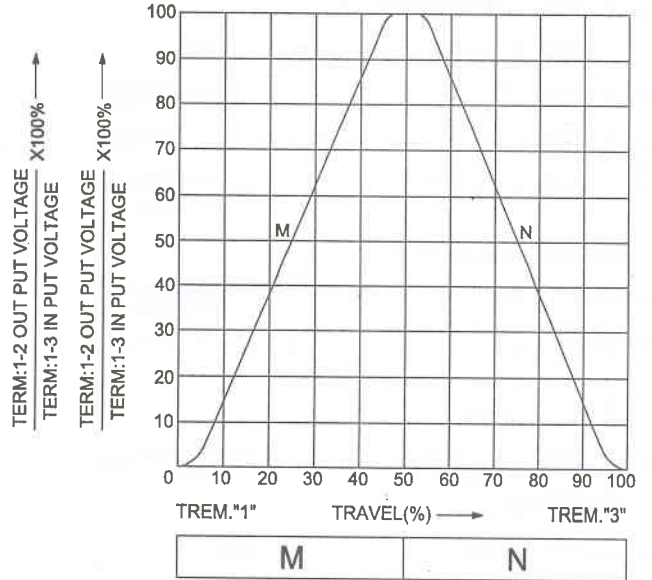
Date 日期	Designed 经办	Checked 审核	Approved 批准
2013-4-8	欧丽君	蔡春贤	林善敏

# STANDARD RESISTANCE TAPER 電阻曲綫圖

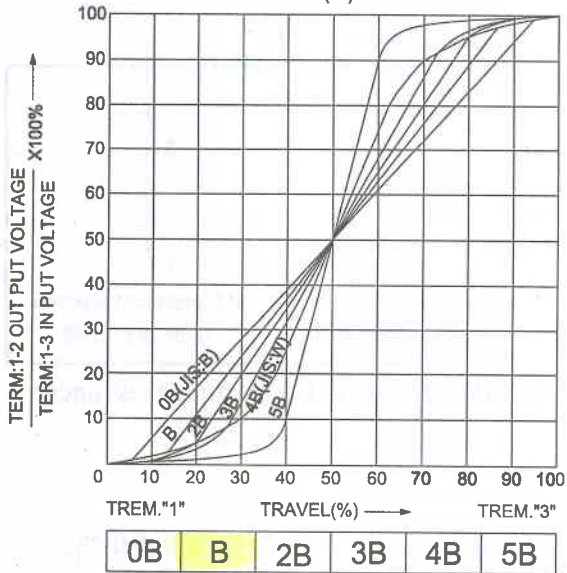
### TAPERS (A) SERIES



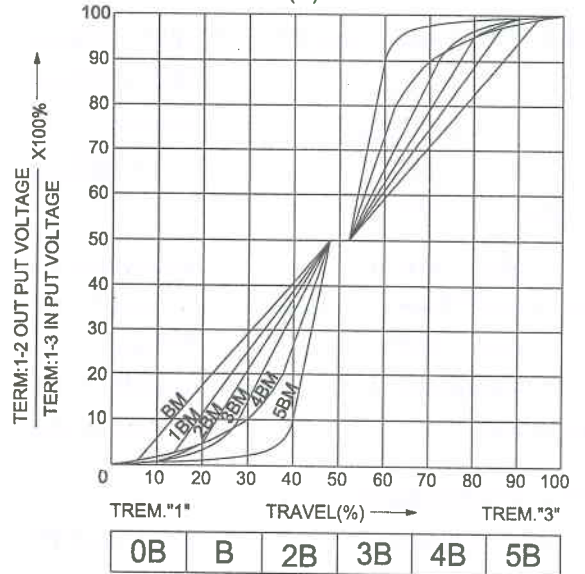
### TAPERS (M & N)



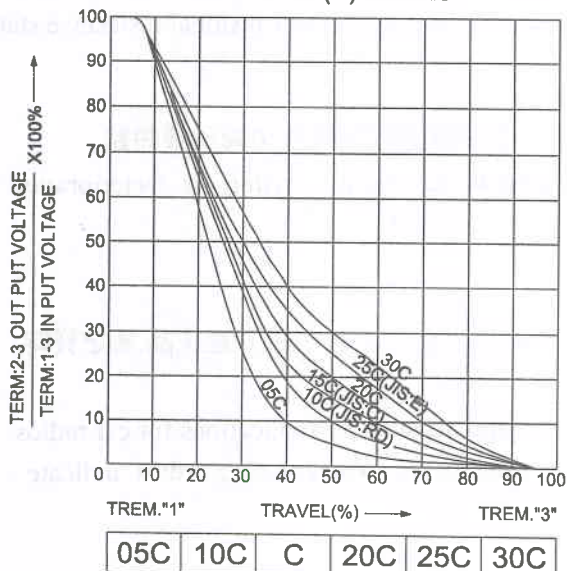
### TAPERS (B) SERIES



### TAPERS (B) WITH 50% TAP



### TAPERS (C) SERIES



### TAPERS (A&C) WITH 50% TAP

