

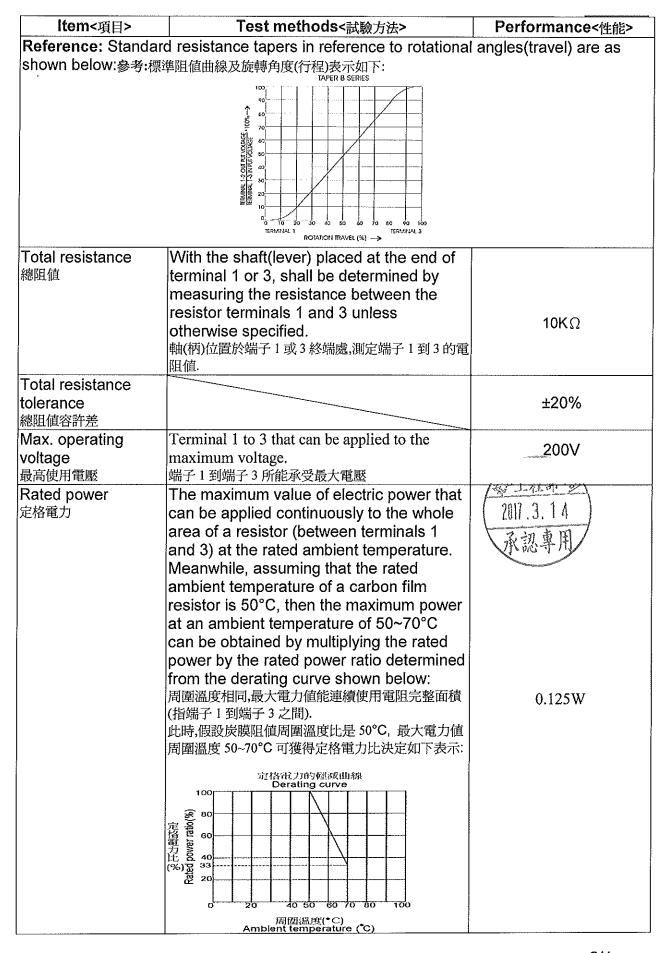
3 2					\$ Linkman	
1	DARR	DIE	CODIDMION	DRAWING NO	R1610N-3B1-B103	
NO	DATE	DE	SCRIPTION	1		
TOLERANCE		SCALE	DRAWN BY	CHECK BY	APPROVED BY	
less than 10±0.3		2/1	2017-3-13.	張	(集)	
above 10-30±0.5		DIMENSION		7317 - 3- 13.	(mr-3-13)	
abo	ve 30-	100±1.0	m/m	10.30	朝参	鴻財

Mechanical characteristics:機械的性能:

Item<項目>	Test methods<試驗方法>	Performance<性能>
Total rotational angle/travel 全迴轉角度/行程	Determined by measuring the rotational angle(travel) when the shaft(lever) is turned(moved) from the end position of terminal 1 to the end position of terminal 3. 軸(柄)置予 1 端最底部移往 3 端最底部之旋轉角度(移動行程).	300°±5°
Rotation torque 迴轉扭力	Determined by measuring the torque(operating force) necessary to turn(move) the shaft(lever). Unless otherwise specified, measurement shall be made at ambient temperature of 5 to 35°C, and the shaft rotational speed shall be 60° per second and the lever traveling speed 20mm per second. 测定扭力必須要旋轉軸或移動推柄,周圍溫度在5~35°C 時,軸以每秒60°速度轉動,推柄以每秒20mm速度滑動,特殊品除外.<以扭力計或拉力計測得>	50±30 gf-cm
Shaft rotational stopper strength 軸的止迴轉強度	With the shaft(lever) placed at the end of terminal 1, a specified torsional moment(force) shall be applied in that direction for 10 seconds. Next, the shaft(lever) shall be placed at the end of terminal 3 and a specified torsional moment(force) shall be applied similarly, to check the operating part and other related sections for deformation, breakage, etc. 軸從 1 端移至止擋點或從 3 端移至止擋點 10 秒後,直至破壞之力量.< 以扭力計測得>	7 kgf-cm
Push-pull strength 軸推拉強度	A specified force shall be applied in the axial direction of the shaft(lever) for 10 seconds to check the operating part and other sections for deformation, breakage, operating condition, etc. 以軸(柄)的軸線方向施加力量,經 10 秒後,核對部份動作之有無斷面變形、破損、等情況.	承認專用 7 kgf

Flectrical characteristics:電氣的性能

ltem<項目>	Test methods<試驗方法>	Performance<性能>
Resistance taper 阻值線性	With the shaft(lever) placed in the specified position, shall be determined by measuring the voltage between the specified terminals(between terminals 1 and 2 or between terminal 2 and 3) and calculating the percentage in reference to the voltage between terminals 1 and 3. 軸(柄)在特別位置測定特別端子間的電壓(端子 1 至端子 2 之間或端子 2 至端子 3 之間)參考端子 1 到端子 3 之間的電壓計算的百分比.	В



Item<項目>	Test methods<試驗方法>	Performance<性能>
Residual resistance	With the shaft (lever) placed at the end of	
殘留阻値	terminal 1, shall be measured between the	
	terminals 1 and 2. Next, with the shaft	
	(lever) placed at the end of terminal 3, the	
	resistance shall be measured between the	
	terminals 2 and 3. If there are tapped	
	terminals, the shaft(lever) shall be	10Ω max.
	turned(moved) and the resulting minimum	
	resistance between the tapped terminal	
	and the terminal 2 shall be measured.	
	軸(柄)轉到端子1最終位置,測定端子12, 軸(柄)轉到	
	端子3最終位置,測定端子23,	
	所得最小阻值即是.	
Rotational/sliding	Measured by connecting the resistor to the	
noise	amplifier having frequency charactristics	
迴轉/滑動雜音	specified in JIS C 6443, (if rated voltage is	
	20V or less, this voltage shall be applied)	
	and by rotating (moving) the shaft (lever)	Less than 100mV
	at a speed of about 30 cycles per minute.	
	依 JIS C 6443 測定.旋轉(移動)軸(柄)以每分鐘大約 30	
	次動作.<以雜音表測定>.	2017.3.14
Insulation resistance	Measured with a megger by applying	大承認專用/
絕緣抵抗	specified voltage to the specified	
	locations.	
	The undermentioned spots shall be tested	
	unless otherwise specified. However, if the	More than $100 \mathrm{M}\Omega$ at DC
	section concerned is so constructed as to	500V
	conduct, that particular part shall not be	300 V
	tested.	
	測定端子與端子間,端子與固定架間,所得電阻器基板	
	之絕緣電阻.	
Manual Soldering	Bit temperature of soldering iron:300°C for	
heat 手焊錫溫度	less Application time of soldering iron: Within	Below 300°c,Less than 3
a resolutive	3s	seconds.
	溫度 300℃ 以下,時間 3 秒鐘以內。	

Durability:耐久的性能:

Item<項目>	Test methods<試驗方法>	Performance<性能>
迴轉/滑動壽命	The shaft(lever) shall be turned at a speed of 600 cycles per hour(counting 1 reciprocating motion as 1 cycle) and 5,000~8,000 cycles a day over 90% of the effective rotational angle(total travel). Unless otherwise specified, the following requirements shall be met after the test is completed: Variation in total resistance: ±15% Slider noise: less than 150mV 在無負荷情況下,軸(柄)以每小時 600 次的速度(有效來回 1 遍稱爲 1 次),有效移動距離達 90%以上,每日 5,000~8,000 次的使用次數測試,全阻變化:±15%.	15,000 cycles (15,000 次)

REMARK: 備註:	PREPARED BY	REVIEWED BY	APPROVED BY
	張 111-3-13. 朝琴	張 13 13 朝琴	集 到 3-13.