



S-TYPE					F-TYPE					K-TYPE					
Code	15S	20S	25S	30S	Code	13F	15F	20F	25F	30F	Code	15K	20K	25K	30K
L	15	20	25	30	L	13	15	20	25	30	L	15	20	25	30
					F	5	7	12	12	12	T1	6.5	11	12	14
											T	5.5	10	10	12
											M	1	1	2	4

RoHS Compliance

Third Angle Projection				MODEL NAME:	9M1RSHB-B-15K-B20K-16Y				
DRAWING NO.				9M-16Y-47					
CODE NO.									
PATH:				Pot\Rotary\9mm\9M\Spec					
TOLERANCES		UNIT	SCALE	DRAWN BY		CHECKED BY		APPROVED BY	
less than 10	±0.3	m/m	1 / 1	劉中華		周貴榮		周貴榮	
10-100	±0.5								
above 100	±0.8	VERSION		2007.7.25		2007.7.25		2007.7.25	
angular dimension	±5°	B							

機種規格說明書

(SPECIFICATION)

本公司使用機種:

OUR PART NAME: 9mm Size Metal Shaft Pot.

本公司使用名稱:

OUR PART NAME: 9M1RSHB-B-15K-B20K-16Y

客戶名稱:

CUSTOMER'S NAME: _____

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Version : A

Drawing NO.: 9M-16Y-47

電氣特性 (Electrical Characteristics)

全阻抗值 (Total Resistance)	<u>20K</u> $\Omega \pm 20\%$
阻抗特性型式 (Resistance Taper)	<input type="checkbox"/> A, <input checked="" type="checkbox"/> B, <input type="checkbox"/> C, <input type="checkbox"/> D, <input type="checkbox"/> E, <input type="checkbox"/> MN, <input type="checkbox"/> RD, <input type="checkbox"/> W, <input type="checkbox"/> _____
最高工作電壓 (Max. Operating Voltage)	<input checked="" type="checkbox"/> Linear Taper B : AC <u>50</u> V ~ DC <u>10</u> V <input type="checkbox"/> Other Tapers : AC <u>50</u> V ~ DC <u>10</u> V
額定功率 (Rated Power)	<input checked="" type="checkbox"/> Linear Taper B: <u>0.05</u> W, <input type="checkbox"/> Other Tapers: <u>0.025</u> W
雜音 (Rotational Noise)	Less than <u>100</u> mV
絕緣阻抗值 (Insulation Resistance)	More than <u>100</u> M Ω at DC <u>250</u> V
耐電壓特性 (Withstand Voltage)	1 minute at AC <u>300</u> V
殘留阻抗值 (Residual Resistance)	Term.1~2: Less than <u>20</u> Ω Term.2~3: Less than <u>20</u> Ω
同步誤差值 Gang Error (Dual Unit)	- <u>/</u> dB ~ <u>/</u> dB \pm <u>/</u> dB
開關接觸阻抗值 (Switch Contact Resistance)	Less than <u>100</u> m Ω
開關額定功率 (Switch Rated Power)	<u>3.0</u> A at DC <u>16</u> V, <u>/</u> A at AC <u>/</u> V

機構特性 (Mechanical Characteristics)

全回轉角度 (Total Rotation Angle)	<u>300</u> $^{\circ} \pm 10$ $^{\circ}$
旋轉力矩 (Rotation Torque)	<u>5</u> ~ <u>90</u> gf.cm
旋轉止動強度 (Rotation Stopper Strength)	<u>4.0</u> Kg.f.cm Min
軸柄推拉承受強度 (Push-Pull Strength)	Pull: <u>6.0</u> Kg.f Max. Push: <u>6.0</u> Kg.f Max. at 10 sec
開關回轉角度 (Switch Rotation Angle)	<u>50</u> $^{\circ}$ Max.
開關作動力 (Switch Action)	<u>100</u> ~ <u>350</u> gf.cm
軸套螺母緊固強度 (Bushing & Nut Tight Strength)	<u>8.0</u> Kg.f.cm Min.
旋轉段位數目 (Number of Detents) Click	<input type="checkbox"/> 1C (Center Detent), <input type="checkbox"/> 11C, <input type="checkbox"/> 21C, <input type="checkbox"/> 41C
段位推動力 (Click Torque)	<u>/</u> ~ <u>/</u> gf.cm
焊錫耐熱性 (Resistance to soldering heat)	Solder dip : Preheating condition : Surface temperature of the substrate shall be settled within 100 $^{\circ}$ C in one min. Solder temperature 260 \pm 5 $^{\circ}$ C for 5 sec.
	Manual Soldering: Less than 300 $^{\circ}$ C and quicker than 3 seconds
旋轉壽命 (Rotational Life)	<input checked="" type="checkbox"/> 15,000 <input type="checkbox"/> Other _____ (Cycles Min.)

RoHS Compliance

備注:
(REMARK)

核 準 APPROVED	審 核 REVIEWED	經辦者 PREPARED
周貴榮	周貴榮	劉中華
2007.12.20	2007.12.20	2007.12.20