

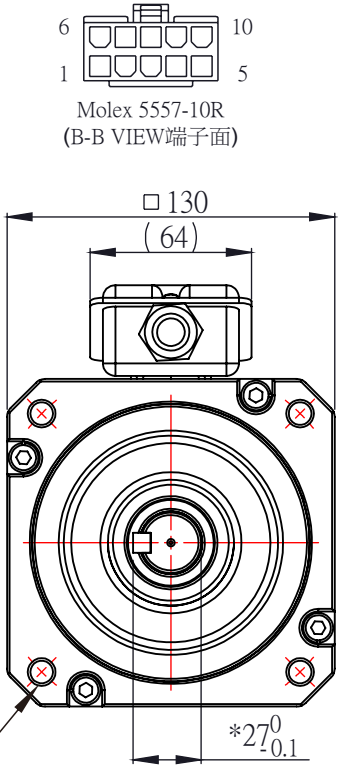
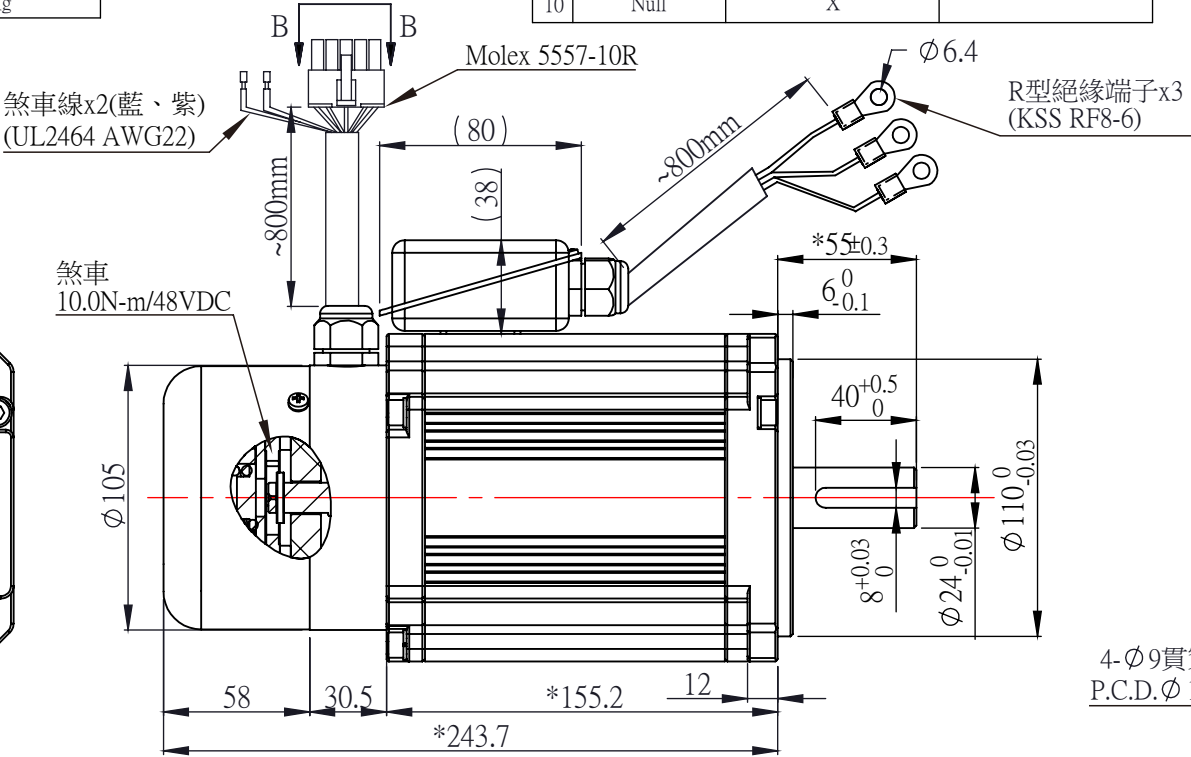
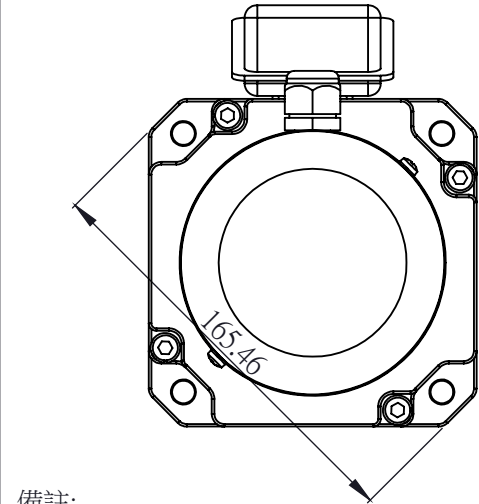




馬達特性規格 (Motor Performance Spec.)		換相時序圖 (Commutation Sequence) 8P / from motor bottom, C.C.W						Molex 5557-10R 腳位定義 (Pin Function)				(馬達動力線端子型號) 腳位定義 (Pin Function)				
額定電壓 (Rated Voltage)	48 VDC							PIN	功能 (Function)	綠色 (Color)	線規 (Reamrk)	功能(Function)	綠色(Color)	線規(Remark)		
額定功率 (Rated Power)	2000 W	馬達 (Motor Cable)		霍爾信號 (Hall Signal)				1	OT-	綠 / 黑(Green/Black)	AWG22	U	紅(Red)	Teflon AWG12x2		
額定轉速 (Rated Speed)	3000 r/min	U	V	W	S1	S2	S3	2	OT+	灰(Gray)		V	白(White)			
無載轉速 (No Load Speed)	3700 r/min	X	Low	Hi	1	1	0	3	Hall_Vcc	黃(Yellow)		W	黑(Black)			
無載電流 (No Load Current)	6.3 A	Hi	Low	X	0	1	0	4	Hall_Gnd	綠(Green)						
額定轉矩 (Rated Torque)	6.1 N-m	Hi	X	Low	0	1	1	5	S1	棕(Brown)	AWG24 (6C: Yellow, Green, Brown, Red, Orange, White)	煞車線 綠色定義 (Color Function)				
起動轉矩 (Starting Torque)	12.2 N-m	X	Hi	Low	0	0	1	6	S2	紅(Red)		功能(Function)	綠色(Color)	線規(Remark)		
額定輸入電流 (Rated Input Current)	50 A	Low	X	Hi	1	0	0	7	S3	橙(Orange)		Mbrake+	藍(Blue)	AWG22		
轉子慣量 (Rotor Moment of Inertia)	9.73 x10 ⁻⁴ kg-m ²							8	Shield	編織網(Braid)		Mbrake-	紫(Purple)			
容許慣量 (Permissible Moment of Inertia)	82.54 x10 ⁻⁴ kg-m ²							9	Null	X						
耐壓測試(Hi-Pot)	1000 VAC/ 1mA / 1sec.							10	Null	X						
絕緣測試(Insulation Test)	500 VDC / 50 MΩ min.															
總重 (Total Weight)	8.5 Kg															

電磁剎車規格 (Electromagetic Brake Spec.)	
電壓 (Voltage)	48 VDC
功率 (Power)	17.45 W
靜摩擦轉矩 (Static Friction Torque)	10 N-m



備註:
1. 隨貨附單頭圓鍵8x7x40L 1PCS 於軸心上

標題(TITLE)	BLDC Motor / Brake Round Keyway Shaft							NOTES		THIRD ANGLE PROJECTION	 創盟電子工業股份有限公司 TRUMMAN TECHNOLOGY CORP
型號(MODEL)	BVM7N2K030MA							TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:			
								LENGTH (mm)	TOLERANCE	UNIT: mm	
規格(SPEC.)	BV系列, 48VDC, 2000W, 3000RPM 無刷馬達, 附電磁剎車, 鍵槽軸	2.0	ESD-465	Regan		Gear	2019/8/16	0~30 (included)	±0.20mm	SHEET NO: 1/1	
								30~120 (included)	±0.30mm	SCALE: 1:3	
		1.0	ESD-454	Regan		Gear	2019/6/25	120~315 (included)	±0.50mm		
								315~1000 (included)	±0.80mm		
DWG NO.	SD-02-S0414	Version	ECO NO.	DRWN	CH'KD	APPR	Date	OVER 1000	±1.20mm		



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