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**WIRE/CABLE SPECIFICATION (線材規格書)**

Standard	MIL-C-24643/23-08UN LSTTA-40 SUS304 Braiding Armor 22AWG x 40P 200°C 300V			
Item (項目)		Unit (單位)	Specification (規格值)	
General Specification (線種規格)		AWG	22	
No. of Inner Cords (芯線數)		PCs	40P	
芯線結構	Conductor 導體	Material (材質)	-----	Tinned Copper
		Structure (結構)	No.×mm	7/0.254
	Insulation 絕緣	Stranded Diameter (絞線外徑)	mm	0.80
		Material (材質)	-----	Silicone Rubber
		Average Thickness (平均厚度)	mm	0.45
	Color (顏色)		Black	White
Inner wire Diameter (芯線完成外徑)		mm	1.7	
Filler (填充)		-----	Fiberglass	
Puch (絞距)		mm	65	
1P Inner wires stranding diameter (1P絞合外徑)		mm	3.4	
Shielding 芯線隔離	1st Layer 第一層	Shielding Material (材質)	-----	Paper Isolation layer
		Braided Coverage (遮蔽率)	%	125
		Average Thickness (平均厚度)	mm	0.05
總集合	Inner wires stranding diameter (總絞合外徑)		mm	25.6
Shielding 隔離	1st Layer 第一層	Shielding Material (材質)	-----	Aluminum Foil
		Braided Coverage (遮蔽率)	%	125
		Average Thickness (平均厚度)	mm	0.05
Jacket 中被	Material (材質)		Silicone Rubber	
	Average Thickness (平均厚度)		mm	1.95
	Color (顏色)		mm	Black
Jacket 外被	Material (材質)		SUS 304	
	Average Thickness (平均厚度)		mm	0.20
	Braided Coverage (遮蔽率)		%	85
Overall Outer Diameter (最後完成外徑)		mm	30.00	
Electric Characters 電氣特性	Rated Temperature (額定溫度)		°C	200
	Rated Voltage (額定電壓)		V-AC	300
	Resistance of Insulation (水中常溫絕緣阻抗，20°C)		MΩ/km	100
	Withstand Voltage Spark (火花試驗)		KV/Sec	3
Marking				
Certification	MIL-C-24643/23-08UN LSTTA-40			