



NO.	SPECIFICATION	QTY	REMARK
1	SJTOW 14/3C 105°C BLACK	1PC	
2	YP-12 PVC PLASTIC 35P BLACK	19g/PC	
3	TERMINAL:98675BS-1	2PCS	
4	∅4.75 TERMINAL:98475	1PC	
5	YP-12 INNER BODY	1PC	
6	YC-12 PVC PLASTIC 50P BLACK	18g/PC	
7	U-TYPE TERMINAL:97740	3PCS	
8	YC-12 INNER BODY	1PC	
9	SLEEVE	1PC	
10	MINI TIE:L=180mm BLACK	1PC	
11	Label:50*30mm	1PC	
12	RING: ∅ 9.5X2.0mm	1PC	

Tolerance >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	Approved		Date		YUNG LI CO.,LTD			
	Checked		Date					
	Drawn	SUKI	Date	19.025.24	Customer	MAG		
	Cat. No.	YP-12/YC-12			P/N.	CB-N-US-SJTOW-3		
	Drawing No.	CY-U5431-01	Rev.	B	Material	P.V.C	Unit	mm
				Scale				

YUNG LI CO., LTD

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1. Standard : UL 62 UL 1581

2. Construction & Dimension

	Item	Specification
Conductor	Size	14AWG X 3C
	Material	Annealed Bare Copper
	Construction	41/ § 0.254+0/-0.015
Insulation	Material	PVC
	Minimum Average Thickness	0.76mm
	Minimum Thickness at any point	0.69mm
	Diameter	3.5 ± 0.10
	Identification	Black,White,Green
Core Assembly	Core Twist	3-Core
	Filler	15000D
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain Wire	Material	NA
	Construction	NA
Jacket	Material	PVC
	Minimum Average Thickness	0.76mm
	Minimum Thickness at any point	0.61mm
	Overall Diameter(Approx)	9.3± 0.2
	Color	Any Color

Marking :

YUNG LI (UL) E241374 SJTOW 3/C 14AWG(2.08mm²) 105°C 300V VW-1
 CSA 177323 SJTOW 3/C 14AWG(2.08mm²) 105°C 300V FT2

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3.Electrical & Physical Properties			
Item		Specification	
Rating Voltage		300V	
Dielectric Strength		AC 2.0KV/1 min No Crack	
Spark Test		6.0KV/0.15 Sec	
Insulation	Unaged	Tensile Strength	1500 lbs/in2 min
		Elongation	100%Min
	Aged	Tensile Strength	Min 85%(136±1°C x168hrs)
		Elongation	Min 65%(136±1°C x168hrs)
Jacket	Unaged	Tensile Strength	1500 lbs/in2 min
		Elongation	100%Min
	Aged	Tensile Strength	Min 85%(136±1°C x168hrs)
		Elongation	Min 45%(136±1°C x168hrs)
	Oil immersion	Tensile Strength	Min 75%(60±2°C x168hrs)
		Elongation	Min 75%(60±2°C x168hrs)
Deformation Test		121±1°C m X 1hr ≤ 50%	
Cold Bend Test		-40°C x 4hr No Crack	
Heat Shock Test		121±1°C x 1hr No Crack	

Graph:

