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ELECTRONICS

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Jameco Part Number 643559

Date	Rev.	Description

SAMPLES:



CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error (mm)
		(AWG)	Composition (strands/mm)			
WRC-10	10	28	7/0.127	0.9	12.70	±0.30
WRC-14	14	28	7/0.127	0.9	17.78	±0.30
WRC-15	15	28	7/0.127	0.9	19.05	±0.30
★ WRC-16	16	28	7/0.127	0.9	20.32	±0.30
WRC-20	20	28	7/0.127	0.9	25.40	±0.30
WRC-25	25	28	7/0.127	0.9	31.75	±0.30
WRC-26	26	28	7/0.127	0.9	33.02	±0.30
WRC-30	30	28	7/0.127	0.9	38.10	±0.30
WRC-34	34	28	7/0.127	0.9	43.18	±0.40
WRC-36	36	28	7/0.127	0.9	45.72	±0.40
WRC-40	40	28	7/0.127	0.9	50.80	±0.40
WRC-50	50	28	7/0.127	0.9	63.50	±0.40
WRC-60	60	28	7/0.127	0.9	76.20	±0.40
WRC-64	64	28	7/0.127	0.9	81.28	±0.40

DCC. NO.
A4 DRAWING NO.

MATERIAL		GOLDSUN ELECTRONICS CO., LTD.			
		JAMECO NO. 643559		GOLDSUN NO. 28RC16-100VP	
DRWN: Kiki Chen		Description CABLE, RIBBON			Rev. 1
VERIFY PEOPLE: Ada Zheng , Ivy Lan					
Jason Feng, Gime Li		UNIT: mm	SCALE:	SHEET 1 OF 1	CAS No: ERN No:

Date	Rev.	Description

UL & CSA GRADE:

UL STYLE : 20029
Rate temperature : 105°C
Rate voltage : 300V
Flame Test : VW-1

CSA STYLE : C22.2 No.210.2
Rate temperature : 105°C
Rate voltage : 300V
Flame Test : FT1,FT2

CONDUCTOR: Stranded

AWG size : 28 AWG
Number of strands in each conductor : 7/0. 127mm
Lay of strands in each conductor : 0.5 inch at least
Cross sec. area : 156mil

INSULATION :

Material of insulation : polyvinyl chloride (PVC) ten colors available
Extruded PVC insulated singles bonded together
Insulation thickness average : 9mil
Min. insulation thickness : 7mil

1. BROWN
2. RED
3. ORANGE
4. YELLOW
5. GREEN
6. BLUE
7. PURPLE
8. GRAY
9. WHITE
10. BLACK

PHYSICAL PROPERTIES: after 7 days air oven at 136°C

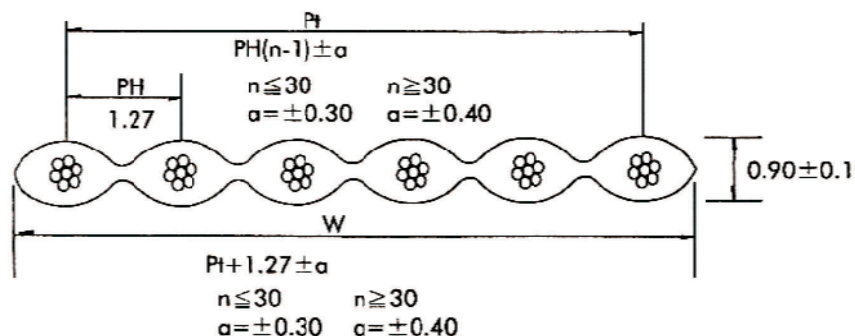
Average tensile strength : 1500 lbs/inch²
Percent of original : 70% at least
Average elongation : 200%
Percent of original : 65% at least

ELECTRONIC CHARACTERISTICS :

Spark test : 2500V
Dielectric strength test : min. 2 KV in
1 minute
Conductor resistance : Max. 237 Ω/km
Insulation resistance : Min. 100MΩ/km

Capacity : 45pF/m
Inductance : 1.5 μH/m
Impedance : 100Ω
Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING :



USAGE :

Internal connection for computer, duplicator, facsimile, game, interface and many other electronic equipments.

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	643559	28RC16-100VP		
DRWN: Kiki Chen	Description			Rev.
VERIFY PEOPLE: Ada Zheng , Ivy Lan	CABLE, RIBBON			2
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