

■ UL & CSA GRADE :

UL STYLE : 2651
Rate Temperature : -20°C to 105°C
Rate Voltage : 300V
Flame Test : VW-1

CSA Standard : C22.2 No.210.2
Rate Temperature : -20°C to 105°C
Rate Voltage : 300V
Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 24 AWG
Number of strands in each conductor : 7/0.203mm
Lay of strands in each conductor : 0.7 inch at least
Cross section area : 404 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
Insulation thickness average : 9 mil
Minimum insulation thickness : 7 mil

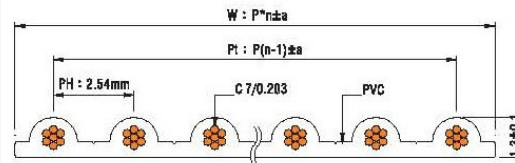
■ PHYSICAL PROPERTIES :

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. 93 Ω/km
Insulation resistance : Min. 100 MΩ-km
Capacity : 31 pF/m (G-S-G)
Inductance : 1.45 μH/m
Characteristic Impedance : 80 Ω(G-S-G)
Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.

CONSTRUCTION TABLE :

Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width(mm)	Allowable Error(mm)
	AWG	Composition(solid/mm)			
8	24	7/0.203	1.3	20.32	+ 0.30
9	24	7/0.203	1.3	22.86	+ 0.30
10	24	7/0.203	1.3	25.40	+ 0.30
12	24	7/0.203	1.3	30.48	+ 0.30
14	24	7/0.203	1.3	35.56	+ 0.40
16	24	7/0.203	1.3	40.64	+ 0.40
18	24	7/0.203	1.3	45.72	+ 0.40
20	24	7/0.203	1.3	50.80	+ 0.40
22	24	7/0.203	1.3	55.88	+ 0.40
24	24	7/0.203	1.3	60.96	+ 0.40
26	24	7/0.203	1.3	66.04	+ 0.40
28	24	7/0.203	1.3	71.12	+ 0.50
30	24	7/0.203	1.3	76.20	+ 0.50
32	24	7/0.203	1.3	81.28	+ 0.50
34	24	7/0.203	1.3	86.36	+ 0.50
36	24	7/0.203	1.3	91.44	+ 0.50
38	24	7/0.203	1.3	96.52	+ 0.50
40	24	7/0.203	1.3	101.6	+ 0.50

RoHS Compliant

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

HFC-24R1HM-xx-LF
SERIES | | LEADFREE
| | 08~40WAY
| | 100M
| | 1 ROLL
24 AWG

DESCRIPTION: