

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 : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

INSULATION :

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

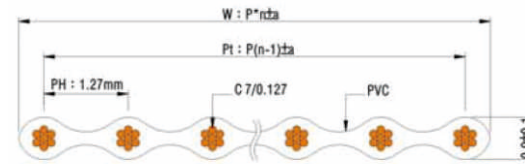
PHYSICAL PROPERTIES :

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. 237 Ω/km
 Insulation resistance : Min. 100 MΩ·km
 Capacity : 60 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 100 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 :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
HF-28R5HF-04	4	28	7/0.127	0.9	5.08	± 0.30
HF-28R5HF-05	5	28	7/0.127	0.9	6.35	± 0.30
HF-28R5HF-06	6	28	7/0.127	0.9	7.62	± 0.30
HF-28R5HF-07	7	28	7/0.127	0.9	8.89	± 0.30
HF-28R5HF-08	8	28	7/0.127	0.9	10.16	± 0.30
HF-28R5HF-09	9	28	7/0.127	0.9	11.43	± 0.30
HF-28R5HF-10	10	28	7/0.127	0.9	12.70	± 0.30
HF-28R5HF-12	12	28	7/0.127	0.9	15.24	± 0.30
HF-28R5HF-13	13	28	7/0.127	0.9	16.51	± 0.30
HF-28R5HF-14	14	28	7/0.127	0.9	17.78	± 0.30
HF-28R5HF-16	16	28	7/0.127	0.9	20.32	± 0.30
HF-28R5HF-18	18	28	7/0.127	0.9	22.86	± 0.30
HF-28R5HF-20	20	28	7/0.127	0.9	25.40	± 0.30
HF-28R5HF-22	22	28	7/0.127	0.9	27.94	± 0.30
HF-28R5HF-24	24	28	7/0.127	0.9	30.48	± 0.30
HF-28R5HF-30	30	28	7/0.127	0.9	38.10	± 0.30
HF-28R5HF-40	40	28	7/0.127	0.9	50.80	± 0.40
HF-28R5HF-50	50	28	7/0.127	0.9	63.50	± 0.40

RoHS Compliant

TOLERANCES ARE



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DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm

SCALE 1:1

DATE

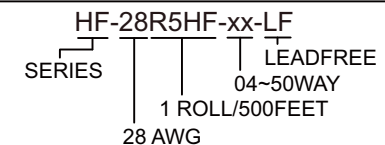
SIZE A4

P PROJECTION

X, ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±



ORDER INFORMATION



DESCRIPTION: