

UL STYLE:2678

Rate temperature:105°C

Rate voltage:150V

Flame test:VW-1

CONDUCTOR:Single

AWG size:30AWG

conductor:0.254mm.

Cross section area:98mil.

INSULATION:

Material of insulation:polyvinyl chloride(PVC)deep gray and gray
Insulation thickness average:7 mil.
Minimum insulation thickness:6 mil.

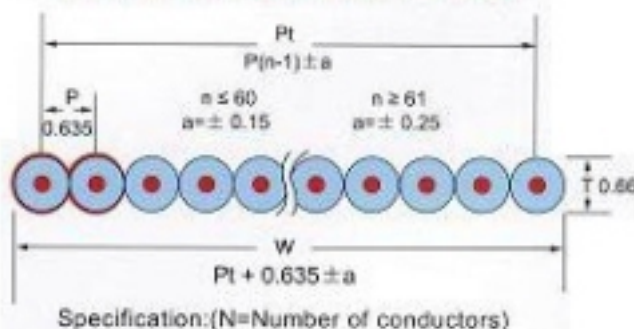
PHYSICAL PROPERTIES:

After 7 days sir 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:1500V
Dielectric strength test:Minimum 1500V in 1 minute
Conductor resistance:Maximum 361 Ω/km
Insulation resistance:Minimum 1GΩ-m
Capacity:71 pF/m (G-S-G) 47 pF/m (G-S)
Characteristic Impedance:80 Ω (G-S-G) 115 Ω (G-S)
Propagation delay time:5.2 ns/m

CONSTRUCTION DRAWING:



CONSTRUCTION TABLE:

Number of Cores	Size of conductor		Thickness (mm ± 0.05)	Width (mm)	PT (mm)	Allowable Error (mm)
	AWG	Composition(solid/mm) Stranded Conductor Solid Conductor				
68	30		0.254	43.18 (1.7±0.01)	42.545 (1.675±0.01)	±.025
80	30		0.254	50.80 (2.0±0.01)	50.165 (1.975±0.01)	±.025

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

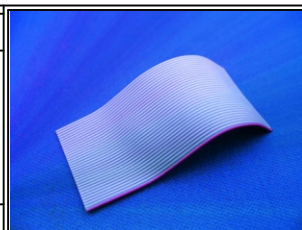
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

HFM-30RxHF-xxx-LF
SERIES LEADFREE
068:68WAY
080:80WAY
R1HF:1 ROLL/100FEET
30 AWG

DESCRIPTION: