

UL GRADE:

UL STYLE : 2678
Rate temperad tugre : 105
Rate voltage : 150.V
Flame Test : VW-1

CONDUCTOR:

 Stranded

AWG size : 30 AWG.
Number of stranded in each conductor : 7/0.102 mm.
Lay of strands in each conductor : 0.5 inch at least.
Cross sec. area : 98 mil.

INSULATION:

Material of insulation: polyvinyl chloride (PVC) red, white, and blue
Insulation thickness average: 7 mil.
Min. insulation thickness: 6 mil.
A red insulation core is provided at one end for identification,
And a white insulation core is provided at every even number cores.
And a blue insulation core is provided at every uneven number cores.

PHYSICL PROPERTIES:

after 7 days air oven at 136°C

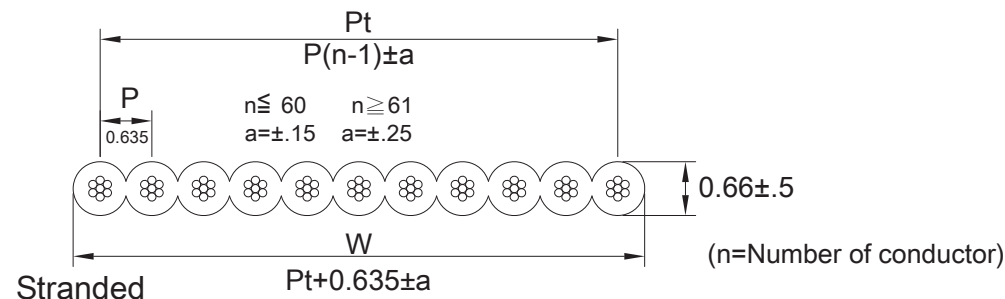
Average tensile strength:1500 lbs/inch²
Percent of original: 70% at least.
Average elongation: 200%.
Percent of original: 65% at least.

ELECTRONIC CHARACTERISTICS:

Spark test:1500V
Dielectric strength test:Min 1500 V in 1 minute
Conductor resistance:Max.377 Ω/km.
Conductor resistance:Max.377
Insulation resistance : Min. 100MΩ

Capacity:80p F/m.
Inductance:1.0μH/m.
Impedance:105Ω
Propagation Delay Time:5.6 ns/m

CONSTRUCTION DRAWING:



RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

SIZE A4

PPOJECTION

照片框

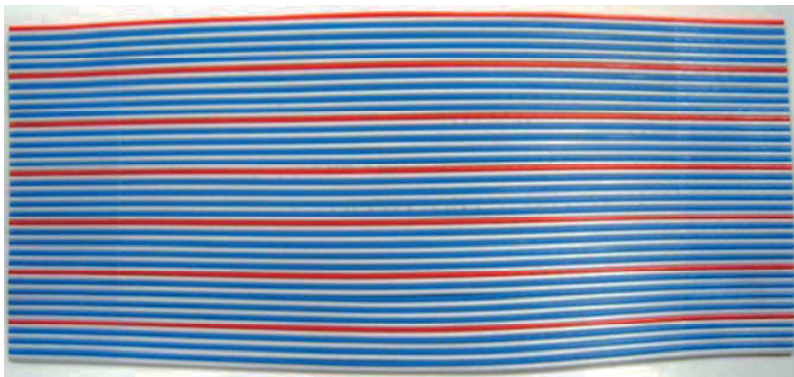
ORDER INFORMATION

HFM-30R1HM-xxx-LF
SERIES LEADFREE
030.050.068.080 WAY
1 ROLL/100M
30 AWG

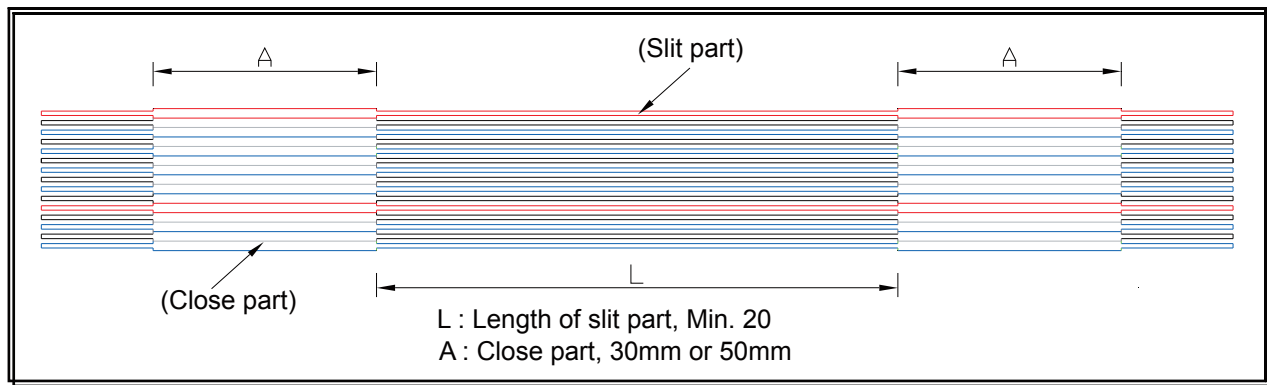
DESCRIPTION:

www.morethanall.com

SAMPLES:



CONSTRUCTION DRAWING:



CONSTRUCTION DRAWING:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
HFM-30R1HM-030	30	30	7/0.102	0.66	19.05	±0.15
HFM-30R1HM-050	50	30	7/0.102	0.66	31.75	±0.15
HFM-30R1HM-068	68	30	7/0.102	0.66	43.18	±0.15
HFM-30R1HM-080	80	30	7/0.102	0.66	50.80	±0.15

PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

RoHS Compliant

DRAWING BY CY		TOLERANCES ARE X. ± .X ± .XX ± .XXX ± ANG ±
CHECKED BY GENIUS		
UNIT / mm	SCALE 1 : 1	
DATE		
SIZE A4	PPOJECTION	

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