

UL GRADE:

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

CONDUCTOR:

Stranded

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

INSULATION:

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

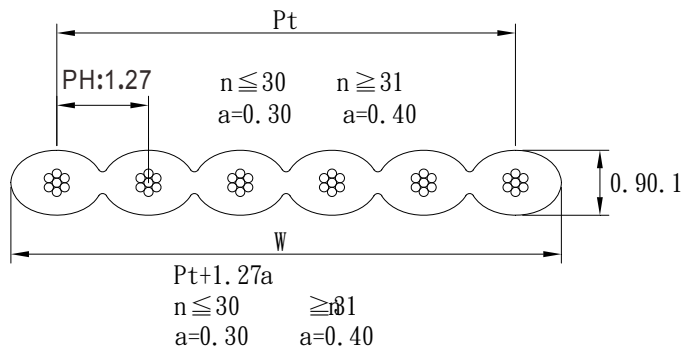
PHYSICL PROPERTIES:

after 7 days air oven at 136℃

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

ELECTRONIC CHARACTERISTICS:

Spark test : 2500V Capacity : 45pF/m.
 Dielectric strength test : Min. 2 KV in 1 minute. Inductance: $1.5\mu\text{H/m}$.
 Conductor resistance : Max. 237 Ω/km . Impedance: 100 Ω .
 Insulation resistance : Min. 100M Ω Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING:

n = Number of conductor

USAGE:

Stranded

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

PH(n-1)

RoHS Compliant

TOLERANCES ARE

MORETHANALL
 PCB CONNECTORS
 Cable ASSEMBLIES

煜倫股份有限公司

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

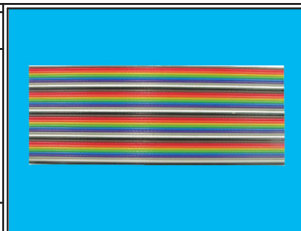
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, $\pm$
 .X $\pm$
 .XX $\pm$
 .XXX $\pm$
 ANG $\pm$

**ORDER INFORMATION**

HFR-28RxHF-xx-LF
 SERIES | LEADFREE
 10-64 WAY
 R1HF:1 ROLL/100FEET
 R3HF:1 ROLL/300FEET
 28 AWG

DESCRIPTION:

CONSTRUCTION TABLE:

Number of cores	Size of conductor		Thickness (mm?.1)	Width (mm)	Allowable error
	(AWG)	Composition (strands/mm)			
10	28	7/0.127	0.9	12.70	±0.30
14	28	7/0.127	0.9	17.78	±0.30
15	28	7/0.127	0.9	19.05	±0.30
16	28	7/0.127	0.9	20.32	±0.30
20	28	7/0.127	0.9	25.40	±0.30
25	28	7/0.127	0.9	31.75	±0.30
26	28	7/0.127	0.9	33.02	±0.30
30	28	7/0.127	0.9	38.10	±0.30
34	28	7/0.127	0.9	43.18	±0.40
36	28	7/0.127	0.9	45.72	±0.40
40	28	7/0.127	0.9	50.80	±0.40
50	28	7/0.127	0.9	63.50	±0.40
60	28	7/0.127	0.9	76.20	±0.40
64	28	7/0.127	0.9	81.28	±0.40

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

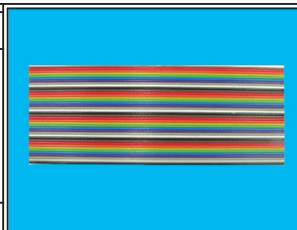
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SIZE A4

PPOJECTION 

X. ±
.X ±
.XX ±
.XXX ±
ANG ±



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