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.

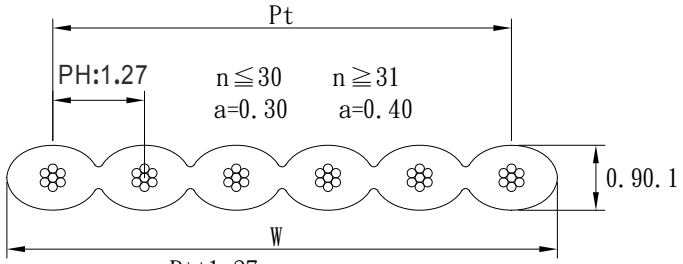
PHYSICL PROPERTIES: after 7 days air oven at 136℃

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: 1.5μH/m.
Conductor resistance : Max. 237 Ω/km. Impedance: 100Ω.
Insulation resistance : Min. 100MΩ 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.

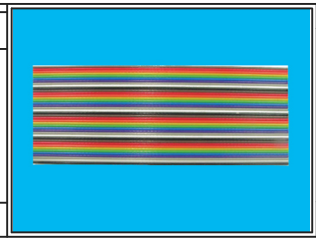
PH(n-1)

RoHS Compliant

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司
www.morethanall.com

DRAWING BY CY	
CHECKED BY GENIUS	
UNIT / mm	SCALE 1 : 1
DATE	
SIZE A4	PPOJECTION

TOLERANCES ARE
X. ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

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

DESCRIPTION:

CONSTRUCTION TABLE:

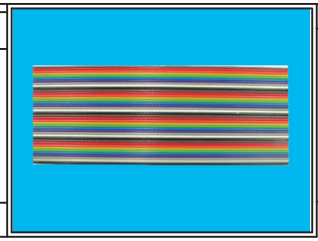
Number of cores	Size of conductor		Thickness (mm?.1)	Width (mm)	Allowable error
	(AWG)	Composition (strands/mm)			
10	28	7/0.127	0.9	12.70	±0.30
14	28	7/0.127	0.9	17.78	±0.30
15	28	7/0.127	0.9	19.05	±0.30
16	28	7/0.127	0.9	20.32	±0.30
20	28	7/0.127	0.9	25.40	±0.30
25	28	7/0.127	0.9	31.75	±0.30
26	28	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

RoHS Compliant

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司
www.morethanall.com

DRAWING BY CY
CHECKED BY GENIUS
UNIT / mm | SCALE 1 : 1
DATE
SIZE A4 PPOJECTION

TOLERANCES ARE
X. ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

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

DESCRIPTION: