

UL2651 #28 40P

HFRS-28R1HM-40-LF
LEADFREE

RoHS Compliant



焜倫股份有限公司

PART NO. HFRS-28R1HM-40		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± ANG	DESCRIPTION: FLAT CABLE UI2651 #28 40P			
DWG NO. HFRS-28R1HM-40		DRAWING BY			AREA	REVISIONS	HK	DATE
FILE NO.	SCALE 1:1	PROJECTION						
UNIT / mm								

FLAT CABLE

UL GRADE:

UL STYLE : 2651
Rate temperature : 105°C
Rate voltage : 300.V
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)
Insulation thickness average: 9 mil.
Min. insulation thickness: 7 mil.
A red insulation core is provided at one end for identification,
And a green insulation core is provided at every five cores. Others are grey insulation.

PHYSICL PROPERTIES: after 7 days air oven at 136°C

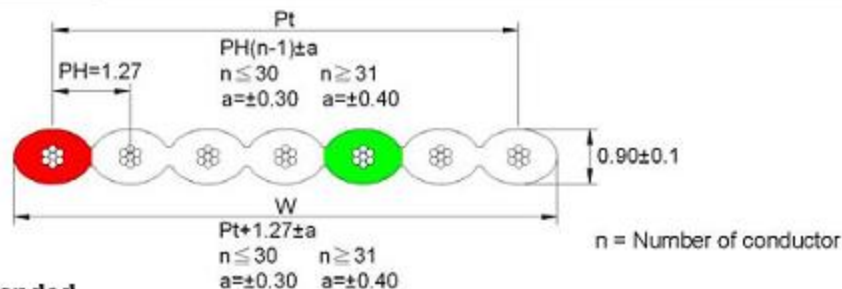
Average tensile strength: 1500 lbs/inch².
Percent of original: 70% at least.
Average elongation: 200%.
Percent of original: 65% at least.

ELECTRONIC CHARACTERISTICS:

Spark test : 2500V
Dielectric strength test : Min. 2 KV in 1 minute.
Conductor resistance : Max. 237 Ω/km.
Insulation resistance : Min. 100MΩ.

Capacity : 40pF/m.
Inductance : 1.45μH/m.
Impedance: 100Ω.
Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING:



USAGE: Stranded

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