

FLAT CABLE

FC1028

UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

CONDUCTOR : Stranded

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

INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

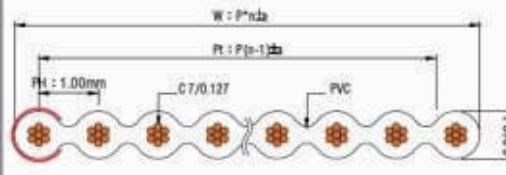
PHYSICAL PROPERTIES :

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. 100 MΩ-km
 Capacity : 56 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.65 ns/m

CONSTRUCTION DRAWING :



USAGE :

Internal connection in computers ,duplicators ,fax machines ,electronic games ,interface cards and many other electronic equipment and devices.

CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm) (0.05)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid / mm)			
HFS-28R5HF-008	8	28	7/0.127	0.9	8.0	± 0.20
HFS-28R5HF-010	10	28	7/0.127	0.9	10.0	± 0.20
HFS-28R5HF-012	12	28	7/0.127	0.9	12.0	± 0.20
HFS-28R5HF-014	14	28	7/0.127	0.9	14.0	± 0.20
HFS-28R5HF-016	16	28	7/0.127	0.9	16.0	± 0.20
HFS-28R5HF-018	18	28	7/0.127	0.9	18.0	± 0.30
HFS-28R5HF-020	20	28	7/0.127	0.9	20.0	± 0.30
HFS-28R5HF-024	24	28	7/0.127	0.9	24.0	± 0.30
HFS-28R5HF-026	26	28	7/0.127	0.9	26.0	± 0.30
HFS-28R5HF-030	30	28	7/0.127	0.9	30.0	± 0.30
HFS-28R5HF-034	34	28	7/0.127	0.9	34.0	± 0.30
HFS-28R5HF-036	36	28	7/0.127	0.9	36.0	± 0.40
HFS-28R5HF-040	40	28	7/0.127	0.9	40.0	± 0.40
HFS-28R5HF-050	50	28	7/0.127	0.9	50.0	± 0.40
HFS-28R5HF-060	60	28	7/0.127	0.9	60.0	± 0.40
HFS-28R5HF-064	64	28	7/0.127	0.9	64.0	± 0.40
HFS-28R5HF-068	68	28	7/0.127	0.9	68.0	± 0.40

RoHS Compliant

TOLERANCES ARE

MORETHANALL
 PCB CONNECTORS
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

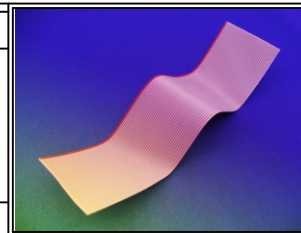
CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4 PPROJECTION

X, ±
 X, ±
 .XX ±
 .XXX ±
 ANG ±



ORDER INFORMATION

HFS-28R5HF-xxx-LF
 SERIES | LEADFREE
 | 008:08WAY
 | 068:68WAY
 | 1 ROOLL/500FEET
 28 AWG

DESCRIPTION: