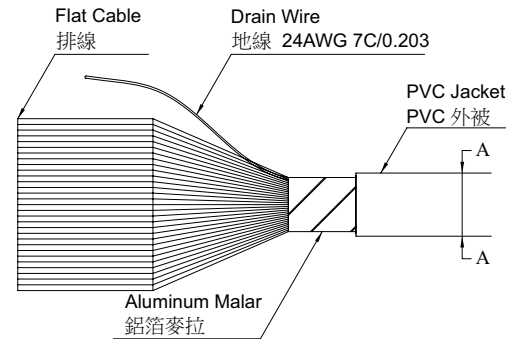


FEATURE:

- ◆ Flat WR(1.27mm) cable within a round PVC jacket for external wiring
- ◆ Bonded/unbonded at 30/70mm regular intervals Please refer WR specification
- ◆ Reduced diameter of outside sheath and more flexibility
- ◆ Shielded Type: A1-foil/Mylar+24AWG Drain wire

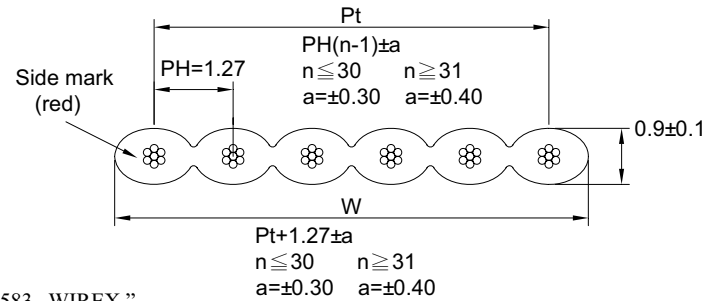


MATERIALS :

UL2651 105°C 300V VW-1

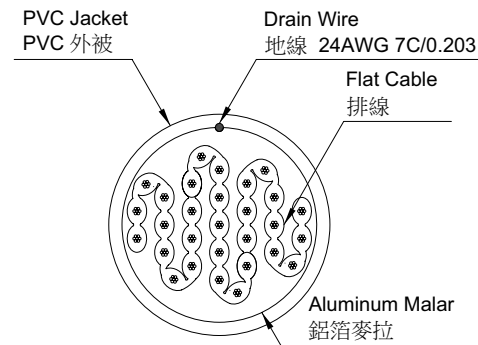
- ◆ Conductor: 28AWG(7/0.127mm) stranded copper wire
- ◆ Insulation: P.V.C.
- ◆ Jacket: Red/Gray/Green
- ◆ Printing content :

“AWM 2651 VW-1 105 300V E129583 WIREX”



SPECIFICATIONS(with shield) :

- ◆ Resistance: Max.222Ω/Km
- ◆ Insulation Resistance: Min. 5MΩ-Km
- ◆ Dielectric Strength : A.C. 1500V/min.
- ◆ Capacitance : Approx. 95pF/m
- ◆ Impedance : Approx. 75 Ω
- ◆ Propagation Delay : Approx. 6.0ns/m
- ◆ Printing content : “UL20266 ROUND FLAT CABLE 80°C 150V”



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

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

HF-R28AD-xx-LF
SERIES
LEADFREE
10~64 WAY
DRAIN
AL.(ALUMINUM FOIL)
28 AWG
ROUND

DESCRIPTION: ROUND FLAT CABLE

UL & CSA GRADE:

UL STYLE : 2651
Rate temperature : 105°C
Rate voltage : 300.V
Flame Test : VW-1

CSA STYLE : C22.2 No.210.2
Rate temperature : 105°C
Rate voltage : 300V
Flame Test : FT1, FT2

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.

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.

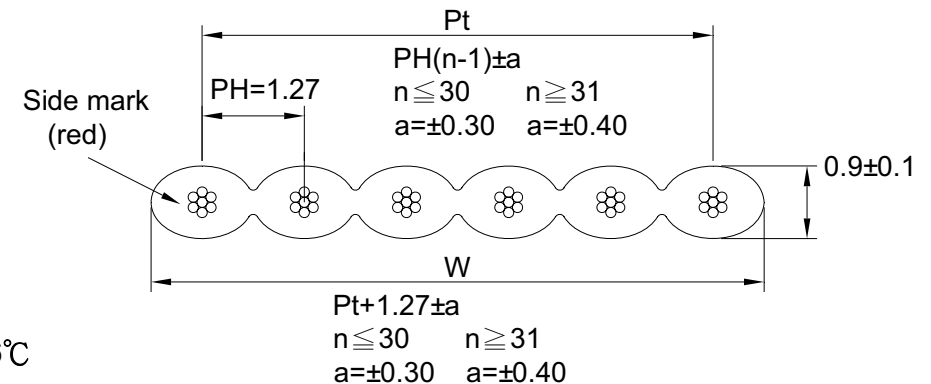
ELECTRONIC CHARACTERISTICS:

Spark test : 2500V Capacity : 40pF/m.
Dielectric strength test : Min. 2 KV in 1 minute. Inductance : 1.45μH/m.
Conductor resistance : Max. 237 Ω/km. Impedance: 100 Ω.
Insulation resistance : Min. 100MΩ. Propagation Delay Time : 4.2ns/m

USAGE:

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

CONSTRUCTION DRAWING:



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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

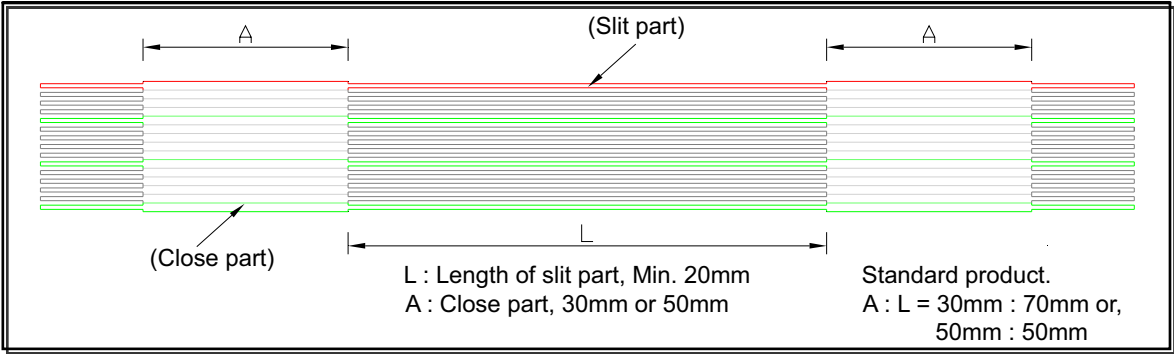
照片框

ORDER INFORMATION

HF-R28AD-xx-LF
SERIES LEADFREE
10~64 WAY
DRAIN
AL.(ALUMINUM FOIL)
28 AWG
ROUND

DESCRIPTION: ROUND FLAT CABLE

CONSTRUCTION DRAWING:



CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
HF-R28AD-26	26	28	7/0.127	0.9	33.02	±0.30
HF-R28AD-30	30	28	7/0.127	0.9	38.10	±0.30
HF-R28AD-34	34	28	7/0.127	0.9	43.18	±0.40
HF-R28AD-40	40	28	7/0.127	0.9	50.58	±0.40
HF-R28AD-50	50	28	7/0.127	0.9	63.50	±0.40
HF-R28AD-60	60	28	7/0.127	0.9	76.20	±0.40
HF-R28AD-64	64	28	7/0.127	0.9	81.28	±0.40

SAMPLES:

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

HF-R28AD-xx-LF
SERIES | | | LEADFREE
10~64 WAY
DRAIN
AL.(ALUMINUM FOIL)
28 AWG
ROUND

DESCRIPTION: ROUND FLAT CABLE