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A

B

C

D

E

F

A

B

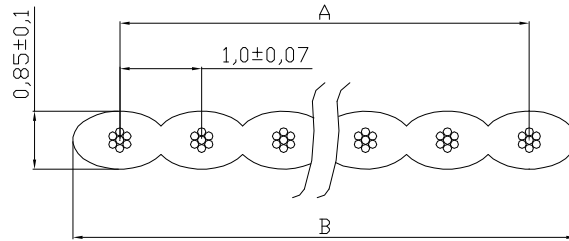
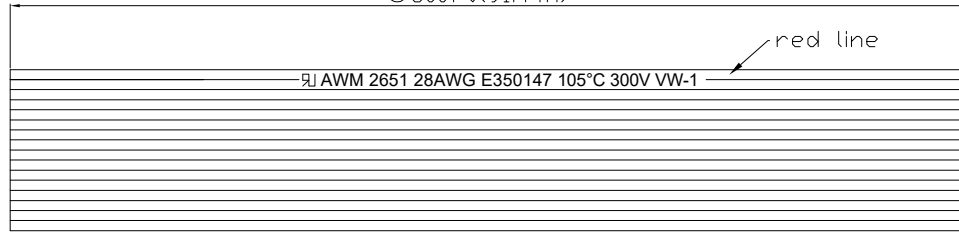
C

D

E

F

④ 300ft(91.44m)



③ Material
 Insulation: PVC Grey cable Red line
 Insulation thickness: 0.23mm ave ; 0.18mm min.

Conduction
 AWG size: 28AWG
 Number of stands in each conductor: 7/0.127mm TC
 Cross section area: 0.079mm²

Electronic characteristics
 Spark test: 2500 V
 Conductor resistance: 237Ω max./KM
 Insulation resistance: 100MΩ max./KM

Cable physical properties
 After seven days air oven at 113°C
 Tensile strength: Unaged ≥10.3 MPa, After aging ≥70%
 Elongation: Unaged ≥100% , After aging ≥65%

UL style: 2651
 Rated temperature: 105°C
 Rated voltage: 300V
 Passes VW-1 vertical flame test

②	Cores	Size of conductor		A①	B①	Cores	Size of conductor		A①③	B①③
		AWG	Composition				AWG	Composition		
	05	28	7/0.127	4.00±0.18	5.00±0.18	24	28	7/0.127	23.0±0.25	24.0±0.25
	08	28	7/0.127	7.00±0.18	8.00±0.18	25	28	7/0.127	24.0±0.25	25.0±0.25
	09	28	7/0.127	8.00±0.18	9.00±0.18	26	28	7/0.127	25.0±0.25	26.0±0.25
	10	28	7/0.127	9.00±0.18	10.0±0.18	30	28	7/0.127	29.0±0.30	30.0±0.30
	12	28	7/0.127	11.0±0.18	12.0±0.18	34	28	7/0.127	33.0±0.30	34.0±0.30
	14	28	7/0.127	13.0±0.18	14.0±0.18	②37	28	7/0.127	36.0±0.35	37.0±0.35
	16	28	7/0.127	15.0±0.22	16.0±0.22	40	28	7/0.127	39.0±0.35	40.0±0.35
	18	28	7/0.127	17.0±0.22	18.0±0.22	44	28	7/0.127	43.0±0.35	44.0±0.35
	20	28	7/0.127	19.0±0.22	20.0±0.22	50	28	7/0.127	49.0±0.35	50.0±0.35

G

H

G

H

RoHS compliant
Unit: mm

Scale	Free					Date	Name	Description. Flat Cable Pitch 1.0mm	
TOLERANCE		④	Add the dimension of length	20.04.2022	Peter	Drawn	24.04.2015	Amy	ASSMANN WSW-No. AWG28-xx/G-1/300
		③	Update notes & tolerance	12.06.2020	Luca	Approved	20.04.2022	Peter	
		②	Add more cores	05.08.2016	Amy				
DIM	TOL	①	Update the tolerance	04.11.2015	Amy				Drawing-No. ASS 7307 CA
		①	Drawn	24.04.2015	Amy				Customer-No.
Angle	TOL	Id.	Modification	Date	Name				

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