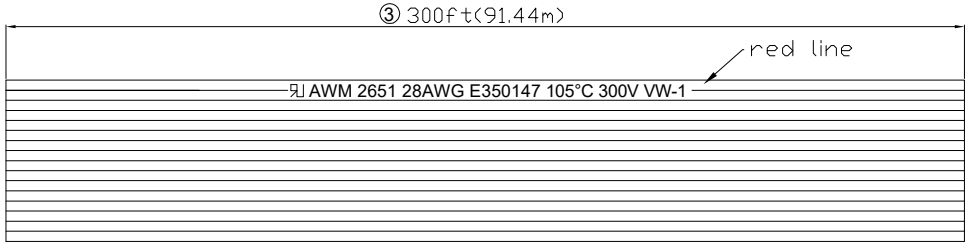

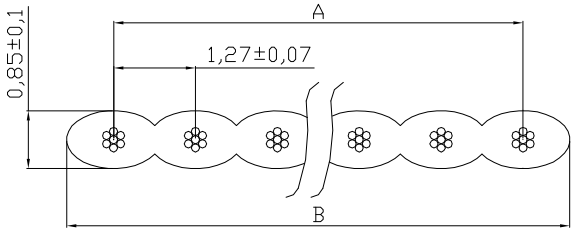

Cores	Size of conductor		A①	B①	Cores	Size of conductor		A①	B①
	AWG	Composition				AWG	Composition		
02	28	7/0.127	1.27±0.15	2.54±0.15	18	28	7/0.127	21.59±0.30	22.86±0.30
03	28	7/0.127	2.54±0.15	3.81±0.15	20	28	7/0.127	24.13±0.30	25.40±0.30
04	28	7/0.127	3.81±0.20	5.08±0.20	② 24	28	7/0.127	29.21±0.30	30.48±0.30
05	28	7/0.127	5.08±0.20	6.35±0.20	25	28	7/0.127	30.48±0.30	31.75±0.30
06	28	7/0.127	6.35±0.20	7.62±0.20	26	28	7/0.127	31.75±0.30	33.02±0.30
07	28	7/0.127	7.62±0.20	8.89±0.20	30	28	7/0.127	36.83±0.35	38.10±0.35
08	28	7/0.127	8.89±0.20	10.16±0.20	34	28	7/0.127	41.91±0.35	43.18±0.35
09	28	7/0.127	10.16±0.25	11.43±0.25	37	28	7/0.127	45.72±0.35	46.99±0.35
10	28	7/0.127	11.43±0.25	12.70±0.25	40	28	7/0.127	49.53±0.35	50.80±0.35
11	28	7/0.127	12.70±0.25	13.97±0.25	50	28	7/0.127	62.23±0.35	63.50±0.35
12	28	7/0.127	13.97±0.25	15.24±0.25	60	28	7/0.127	74.93±0.40	76.20±0.40
13	28	7/0.127	15.24±0.25	16.51±0.25	64	28	7/0.127	80.01±0.40	81.28±0.40
14	28	7/0.127	16.51±0.25	17.78±0.25					
15	28	7/0.127	17.78±0.25	19.05±0.25					
16	28	7/0.127	19.05±0.25	20.32±0.25					

② 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

RoHS compliant
Unit: mm

Scale	Free
TOLERANCE	
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
③	Add the length dimension	20.04.2022	Peter
②	Update notes & tolerance	23.06.2020	Luca
①	Update the tolerance	04.11.2015	Amy
⓪	Drawn	24.04.2015	Amy

	Date	Name
Drawn	24.04.2015	Amy
Approved	20.04.2022	Peter

ASSMANN WSW components

Description. Flat Cable
Pitch 1.27mm

ASSMANN WSW-No.
AWG28-xx/G/300

Drawing-No.
ASS 7306 CA

rev03

Customer-No.

Sheet
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