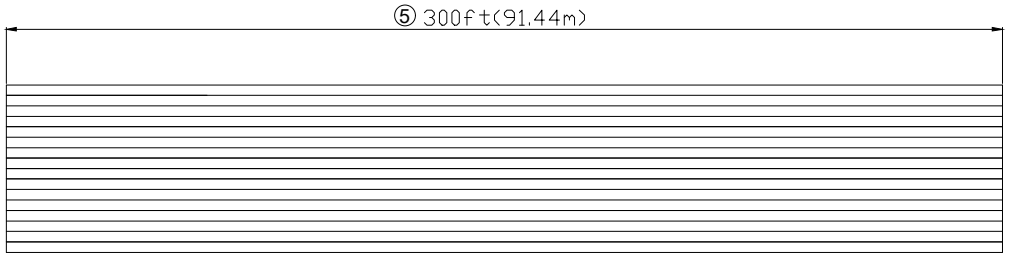

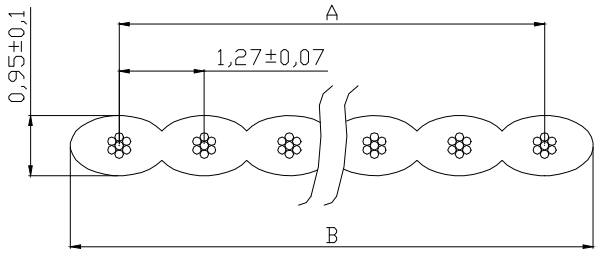

Cores	Size of conductor AWG	Size of conductor Composition	A ②④	B②④	Cores	Size of conductor AWG	Size of conductor Composition	A②④	B②④
09	28	7/0.127	10.16±0.25	11.43±0.25	25	28	7/0.127	30.48±0.35	31.75±0.35
10	28	7/0.127	11.43±0.25	12.70±0.25	26	28	7/0.127	31.75±0.35	33.02±0.35
12	28	7/0.127	13.97±0.25	15.24±0.25	30	28	7/0.127	36.83±0.38	38.10±0.38
14	28	7/0.127	16.51±0.25	17.78±0.25	34	28	7/0.127	41.91±0.38	43.18±0.38
③ 15	28	7/0.127	17.78±0.30	19.05±0.30	37	28	7/0.127	45.72±0.40	46.99±0.40
16	28	7/0.127	19.05±0.30	20.32±0.30	40	28	7/0.127	49.53±0.40	50.80±0.40
18	28	7/0.127	21.59±0.30	22.86±0.30	50	28	7/0.127	62.23±0.40	63.50±0.40 ①
20	28	7/0.127	24.13±0.30	25.40±0.30	60	28	7/0.127	74.93±0.45	76.20±0.45 ①
24	28	7/0.127	29.21±0.35	30.48±0.35	64	28	7/0.127	80.01±0.45	81.28±0.45 ①

④
Material
①Insulation: PVC Color: Brown,Red,Orange,Yellow,Green, Blue,Purple,Grey,White,Black
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
⑥	Correct cable appearance	20.05.2022	Daniel
⑤	Add the length dimension	20.04.2022	Peter
④	Update notes & tolerance	23.06.2020	Luca
③	Add 15th core	05.08.2016	Amy
②	Update the tolerance	04.11.2015	Amy
①	Update	08.04.2015	Amy

	Date	Name
Drawn	30.01.2015	Amy
Approved	20.05.2022	Daniel

ASSMANN WSW components

Description. Flat Cable
Pitch 1.27mm

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

Drawing-No.
ASS 7310 CA

rev06

Customer-No.

Sheet
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