



	Cores	Size of conductor AWG	Size of conductor Composition	A①	B①	Cores	Size of conductor AWG	Size of conductor Composition	A①③	B①③
②	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

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

RoHS compliant
Unit: mm

Scale	Free					Date	Name
TOLERANCE		④	Add the dimension of length	20.04.2022	Peter	Drawn	24.04.2015	Amy
		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			
		⓪	Drawn	24.04.2015	Amy			
Angle	TOL	Id.	Modification	Date	Name			

ASSMANN WSW components

Description. Flat Cable
Pitch 1.0mm

ASSMANN WSW-No.
AWG28-xx/G-1/300

Drawing-No.
ASS 7307 CA

rev04

Customer-No.

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ASSMANN WSW Components:

AW 122-20/G-T V8508B-L A 40-LC-TT A-DS-09-PP/Z AWHC 10-0111-T AWHW 10G-SMD V8510B-T A-20140 A-DSF 09 LPIII/FP A-USBP-B-N AGP 09 G-ME AGP 09 G-METALL AR08-HZL-TT AWP 08-7240-T AGP09G-NEW AMET-09 RS AR 20-ST/T AWHW20A0202T AK170-3 AKABUSBAFS1M AMET-25 RS-45 A-DC 09 S/W A-HDS 26 A-KG/T V7466X A-HOOD-09/15 A-LED8-1WBAS-MR7-1 AWHW20G-0202-T V-1103-SMD/A A08-LC-TT V5583E