



	Cores	Size of conductor AWG	Composition	A②④	B②④	Cores	Size of conductor AWG	Composition	A②④	B②④	
③	05	28	7/0.127	4.00±0.20	5.00±0.20	24	28	7/0.127	23.0±0.30	24.0±0.30	
	08	28	7/0.127	7.00±0.20	8.00±0.20	25	28	7/0.127	24.0±0.30	25.0±0.30	
	09	28	7/0.127	8.00±0.20	9.00±0.20	26	28	7/0.127	25.0±0.30	26.0±0.30	
	10	28	7/0.127	9.00±0.20	10.0±0.20	30	28	7/0.127	29.0±0.35	30.0±0.35	
	12	28	7/0.127	11.0±0.20	12.0±0.20	34	28	7/0.127	33.0±0.35	34.0±0.35	
	14	28	7/0.127	13.0±0.25	14.0±0.25	③37	28	7/0.127	36.0±0.35	37.0±0.35	
	16	28	7/0.127	15.0±0.25	16.0±0.25	40	28	7/0.127	39.0±0.35	40.0±0.35	
	18	28	7/0.127	17.0±0.25	18.0±0.25	44	28	7/0.127	43.0±0.40	44.0±0.40	
	20	28	7/0.127	19.0±0.25	20.0±0.25	50	28	7/0.127	49.0±0.40	50.0±0.40	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 more cores	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 1.00mm

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

Drawing-No.
ASS 7311 CA

rev06

Customer-No.

Sheet
1 / 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

ASSMANN WSW Components:

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