



TERMINATION: SCREW

- ②Notes:
1. Waterproof connector rating is IP67/IP68
  2. Contact PIN: Phosphor Copper with 1u" Gold plating
  3. Coupling nut/screw: Brass with nickel plating
  4. Insulation plastic: PA66+GF Black UL94V-0
  5. Insulation Resistance: > 100MΩ
  6. Mating Cycle: 100 times Min, 500 times Max.
  7. Operating temperature: -25°C~+85°C
  - ① 8. Unshielded

Electrical Character

Part Number	Contacts	Rated Voltage		Rated Current	Contact Resistance	Cable OD (mm)
		A/C	D/C			
A-M12-03-MGPA-GEB1a		250V	250V	4A	≤10mΩ	6~8
A-M12-04-MGPA-GEB1a		250V	250V	4A	≤10mΩ	6~8
A-M12-05-MGPA-GEB1a		60V	60V	4A	≤10mΩ	6~8
A-M12-08-MGPA-GEB1a		30V	30V	2A	≤10mΩ	6~8

RoHS compliant

Unit: mm

Scale	Free TOLERANCE	Free
.X	±0.15	
.XX	±0.10	
.XXX	±0.05	
DIM	TOL	① Update the notes
X.°	±1.0°	② Remove "resistance many oils and chemical" from notes
.X°	±0.5°	③ Drawn
Angle	TOL	Id.

Date	Name	Segal
02.07.2018	Drawn	Segal
06.09.2019	Approved	Amy



Customer-No.	Drawing-No.	Replace	Sheet
ASSMANN WSW-No.	A-M12-xx-MGPA-GEB1a	ASS 8026 CO	rev02

A	1	2	3	4	5	6	7	A
B	1	2	3	4	5	6	7	B
C	1	2	3	4	5	6	7	C
D	1	2	3	4	5	6	7	D
E	1	2	3	4	5	6	7	E
F	1	2	3	4	5	6	7	F
G	1	2	3	4	5	6	7	G
H	1	2	3	4	5	6	7	H