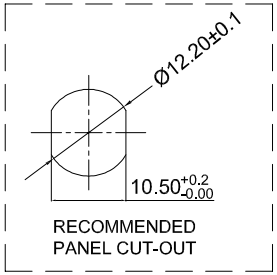
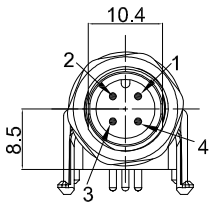
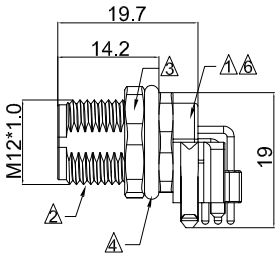
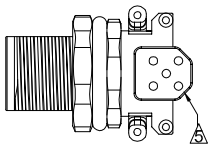






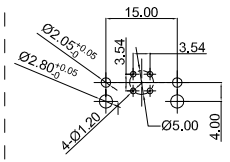


Part Number	Contacts	Rated Voltage A/C	Rated Voltage D/C	Rated Current
A-M12-04-MAMA-GTB1		250V	250V	4A
A-M12-05-MAMA-GTB1		60V	60V	4A
A-M12-08-MAMA-GTB1		30V	30V	2A
A-M12-12-MAMA-GTB1		30V	30V	1.5A
A-M12-04-MAMD-GTB1		250V	250V	4A
③ A-M12-05-MAMB-GTB1		60V	60V	4A

② Notes:
1. Waterproof connector rating is IP67/68
2. Insulation Resistance: >100MΩ
3. Contact Resistance: ≤10mΩ
4. Mating Cycle: 100 times Min, 500 times Max.
5. Operating temperature: -25°C ~ +85°C
① 6. Unshielded

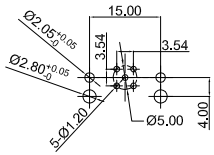
	ITEM	SPECIFICATION	QTY	UNIT
	6	BLACK GLUE A/B (ETHOXYLINE RESIN)	2	g
	5	NYLON BLACK SUPPORT	1	PCS
	4	O-RING BLACK SILICONE Ø10X1.5mm	1	PCS
	3	M12 NUT BRASS PLATING NI L*W=2.8*15mm	1	PCS
	2	M12 METAL-HOUSING BRASS PLATING NICKEL L=16.2mm	1	PCS
①	1	M12 MALE Connector UL94V-0 Black PCB PIN 1u" Gold plated	1	SET

A-M12-04-MAMA-GTB1



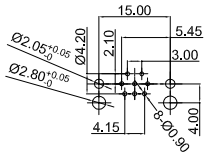
RECOMMENDED PCB LAYOUT

A-M12-05-MAMA-GTB1



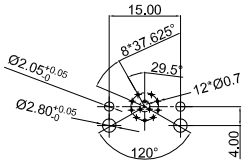
RECOMMENDED PCB LAYOUT

A-M12-08-MAMA-GTB1



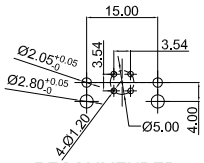
RECOMMENDED PCB LAYOUT

A-M12-12-MAMA-GTB1



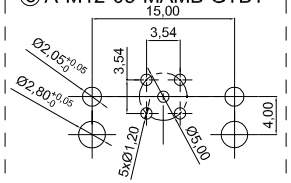
RECOMMENDED PCB LAYOUT

A-M12-04-MAMD-GTB1



RECOMMENDED PCB LAYOUT

③ A-M12-05-MAMB-GTB1



RECOMMENDED PCB LAYOUT

RoHS compliant

Unit: mm

Scale	Free
TOLERANCE	
.X	±0.5
.XX	±0.20
DIM	TOL
X.°	±2.0°
.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
③	Add B code version into drawing	01.11.2019	Amy
②	Remove"resistance many oils and chemical" from notes	06.09.2018	Amy
①	Update the notes	26.04.2018	Segal
⓪	Drawn	12.07.2018	Segal

	Date	Name
Drawn	12.07.2018	Segal
Approved	01.11.2019	Amy

ASSMANN wsw components

Customer-No.

ASSMANN WSW-No.
A-M12-xx-MAMx-GTB1

Drawing-No.
ASS 8051 CO

rev03

Replace

Sheet

SV4471