

H38119 Series

H3899 series standard precise slip ring , integrated structure design, with through hole 38.1mm , OD119mm , suitable for rotating application which requires a through hole $\leq 38.1\text{mm}$ (remark: if need a hole $< 38.1\text{mm}$, can add a inner bushing)



Part No. description

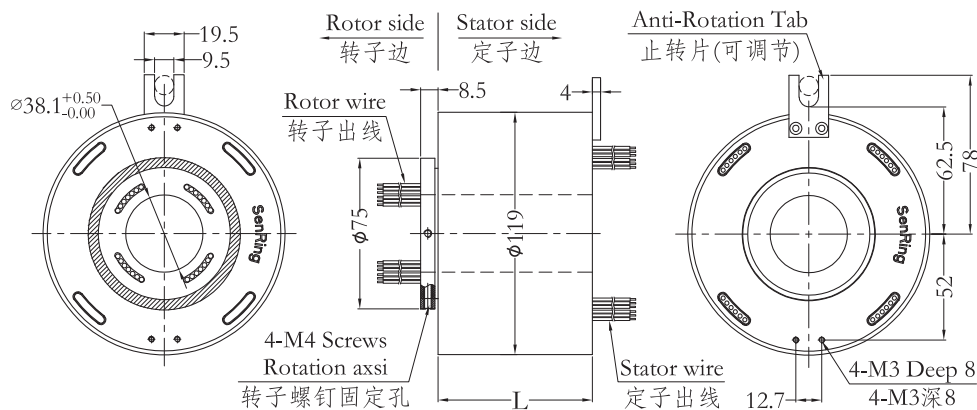
H38119 - Power circuits no. - Signal circuits no. - Eproduct grade

H:through hole slip ring
38119:ID 38mm, OD 119mm

Example:
0610:6 circuits,10A per circuit
1220:2circuits,10A per circuit

Example:
C: standard level
D:Industrial level
H:High quality level

Example:
06S:6circuits signal (0~2A)
12S:12circuits signal (0~2A)



Standard Model List

H38119 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H38119-02S	0	2	36	H38119-36S	0	36	172
H38119-0210	2	0	36	H38119-0610-30S	6	30	172
H38119-03S	0	3	40	H38119-1210-S24	12	24	172
H38119-0310	3	0	40	H38119-3610	36	0	172
H38119-06S	0	6	52	H38119-42S	0	42	196
H38119-0210-04S	2	4	52	H38119-0610-36S	6	36	196
H38119-0410-02S	4	2	52	H38119-1210-30S	12	30	196
H38119-0610	6	0	52	H38119-4210	42	0	196
H38119-12S	0	12	76	H38119-48S	0	48	220
H38119-0210-10S	2	10	76	H38119-0610-42S	6	42	220
H38119-0310-09S	3	9	76	H38119-1210-36S	12	36	220
H38119-0610-06S	6	6	76	H38119-1810-30S	18	30	220
H38119-0810-04S	8	4	76	H38119-P2410-24S	24	24	220
H38119-1010-02S	10	2	76	H38119-4810	48	0	220
H38119-1210	12	0	76	H38119-60S	0	60	268
H38119-18S	0	18	100	H38119-0610-54S	6	54	268
H38119-0210-16S	2	16	100	H38119-0910-51S	9	51	268
H38119-0410-14S	4	14	100	H38119-1210-48S	12	48	268
H38119-0610-12S	6	12	100	H38119-2410-36S	24	36	268
H38119-0810-10S	8	10	100	H38119-72S	0	72	316
H38119-1010-08S	10	8	100	H38119-1210-60S	12	60	316
H38119-1210-06S	12	6	100	H38119-2410-48S	24	48	316
H38119-1410-04S	14	4	100	H38119-3610-36S	36	36	316
H38119-1610-02S	16	2	100	H38119-84S	0	84	364
H38119-24S	0	24	124	H38119-1210-72S	12	72	364

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H38119-0410-20S	4	20	124	H38119-2410-60S	24	60	364
H38119-0610-18S	6	18	124	H38119-3610-48S	36	48	364
H38119-1210-12S	12	12	124	H38119-96S	0	96	412
H38119-1810-06S	18	6	124	H38119-1210-84S	12	84	412
H38119-2410	24	0	124	H38119-2410-72S	24	72	412
H38119-30S	0	30	148	H38119-3610-60S	36	60	412
H38119-0610-24S	6	24	148	H38119-4210-54S	42	54	412
H38119-1210-18S	12	18	148	H38119-108S	0	108	460
H38119-1810-12S	18	12	148	H38119-1210-96S	12	96	460
H38119-2410-06S	24	6	148	H38119-2410-84S	24	84	460
H38119-3010	30	0	148	H38119-3610-72S	36	72	460

*Remark:Circuits can be combined in parallel for bigger current, N circuits of 10A to get N*10A,such as 2 circuits of 10A in parallel for 20A use. 10A circuits No. and signal circuits (5A) No. can be customized based on standard products,pls inquiry Senring for details.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Working life	pls refer to product grade table		Power	Signal
Rotating speed	pls refer to product grade table	Rated voltage	0~690VAC/VDC	0~440VAC/VDC
Working temp.	-30°C~80°C	Insulation resistance	≥1000mΩ/500VDC	≥1000mΩ/500VDC
Work humidity	0~85% RH	Lead wire spec	AWG17# Silver-plated teflon	AWG22# Silver-plated teflon
Contact material	pls refer to produce grade table	Lead wire length	standard 300mm(can be customized)	
Housing material	AL alloy	Dielectric Strength	800VAC@50Hz,60s	
Torque	0.1N.m (+0.03N.m/6circuits)	Electrical noise	<0.01Ω	
IP grade	IP51			

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C:standard	400RPM	20millions revolutions	precious metal
D:industrial	800RPM	60millions revolutions	precious metal
H:high quality	1200RPM	150millions revolutions	gold alloy

Color code of Lead Wire

ring#	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU
ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark:"1" : the first wire from rotor side , H38119-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....