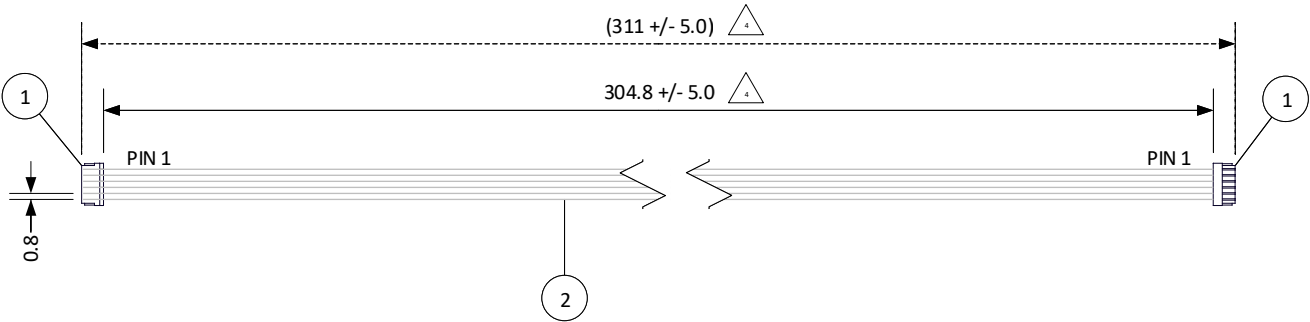


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4			3		2		1		
ITEM	CONNECTOR PART NO.	DESCRIPTION	IPI CHECK		EOR CHECK		Applicable Tooling		
1	See Table 1	SUR CONNECTOR					BCD		
2	UL11136, 32 AWG	WHITE					TABLE 1		
							ITEM	NUMBER OF CIRCUITS	CONNECTOR PART NO.

ITEM	NUMBER OF CIRCUITS	CONNECTOR PART NO.	ASSEMBLY PART NUMBER	TOTAL WIRE REQUIRED
1	2	02SUR-32S	A02SUR02SUR32W305A	609.6 mm
1	3	03SUR-32S	A03SUR03SUR32W305A	914.4 mm
1	4	04SUR-32S	A04SUR04SUR32W305A	1,219.2 mm
1	5	05SUR-32S	A05SUR05SUR32W305A	1,524 mm
1	6	06SUR-32S	A06SUR06SUR32W305A	1,828.8 mm
1	8	08SUR-32S	A08SUR08SUR32W305A	2,438.4 mm
1	10	10SUR-32S	A10SUR10SUR32W305A	3,048 mm
1	12	12SUR-32S	A12SUR12SUR32W305A	3,657.6 mm
1	14	14SUR-32S	A14SUR14SUR32W305A	4,267.2 mm
1	15	15SUR-32S	A15SUR15SUR32W305A	4,572 mm
1	16	16SUR-32S	A16SUR16SUR32W305A	4,876.8 mm
1	17	17SUR-32S	A17SUR17SUR32W305A	5,181.6 mm
1	20	20SUR-32S	A20SUR20SUR32W305A	6,096 mm
1	22	22SUR-32S	A22SUR22SUR32W305A	6,705.6 mm



Electrical Specifications

Current: 0.5A AC/DC

Voltage: 30V DC

JST

4	Revised length tolerance	5/4/2021	SP
3	Add electrical specifications	6/27/2018	SP
2	ADDED 20 CIRCUIT ASSEMBLY	6/23/2016	SP
1	ADDED 10 CIRCUIT ASSEMBLY	6/16/2016	SP
REV.	DESCRIPTION	DATE	BY

SCALE	1: 1
DIMENSIONS	All dimensions are in MM with a tolerance of +/- 5.0 unless otherwise specified.
DRAWN BY	STEVEN PILKINGTON
CHECKED BY	JUSTIN BAKER

CUSTOMER NAME	CUSTOMER PART NO.
DESCRIPTION	0.8 mm Pitch SUR Standard Catalog Assembly - 12" Inside Length - Pin out: 1 to 1
ASSEMBLY PART NO.	SEE TABLE 1
DRAWING NO. & REVISION	GAM-006
REVISED	2/25/2016

Mouser Electronics

Authorized Distributor

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[A02SUR02SUR32W305A](#) [A10SUR10SUR32W305A](#) [A04SUR04SUR32W305A](#) [A20SUR20SUR32W203B](#)
[A12SUR12SUR32W203B](#) [A03SUR03SUR32W305A](#) [A05SUR05SUR32W305A](#) [A08SUR08SUR32W305A](#)
[A06SUR06SUR32W305A](#)