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SHC68-C68-RD102

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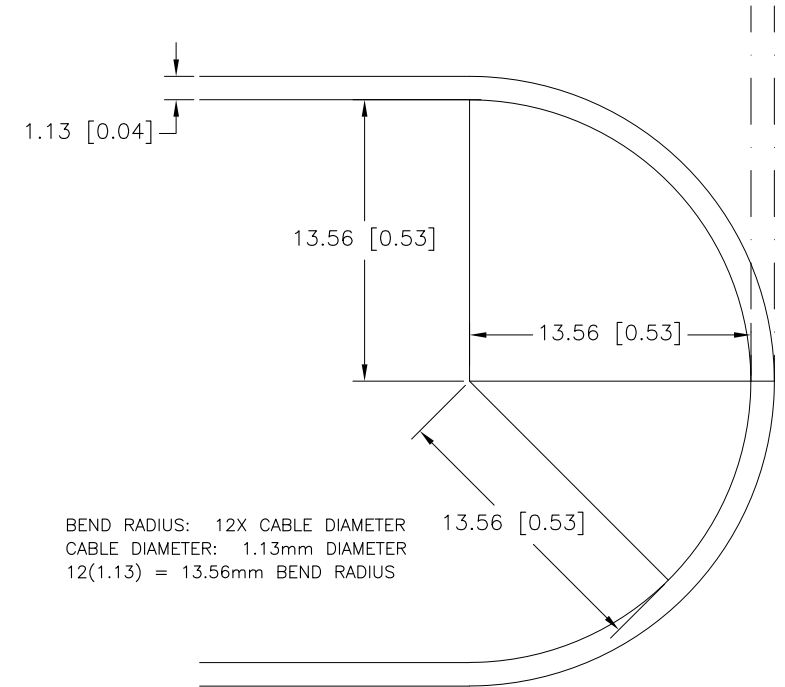
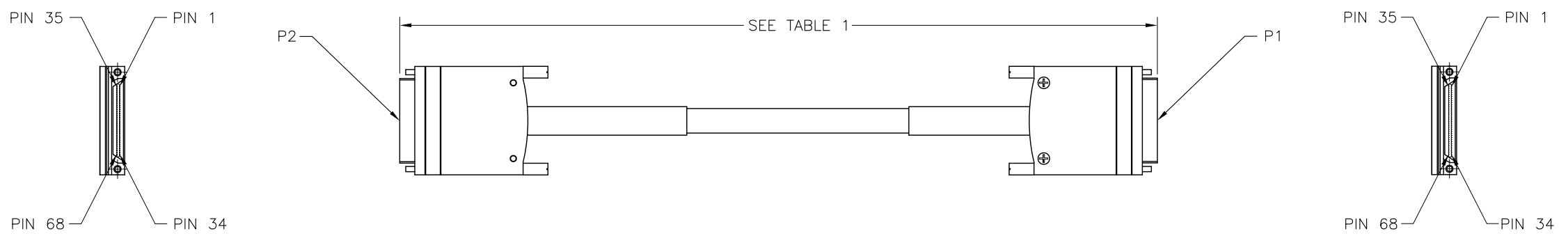
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LENGTH	TOLERANCE	LINE-TO-LINE TOLERANCE
<2M	+2.5 CM/-0 CM	± 10 MM
2 TO 5M	+5 CM/-0 CM	± 10 MM
>5M	+10 CM/-0 CM	± 10 MM

CONDUCTOR SPECIFICATIONS:

CONDUCTOR: TINNED COPPER, 0.88 MILLIMETER DIAMETER
 INSULATION: TEFLON FEP, 0.68 MILLIMETER DIAMETER
 BEND RADIUS: 12X CABLE DIAMETER (SEE EXAMPLE) PER SPECIFICATIONS
 2014 NEC SECTION 300.34 CONDUCTOR BEND RADIUS
 2014 NEC SECTION 300.24 BENDING RADIUS

1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.
 NOTES: UNLESS OTHERWISE SPECIFIED.

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]	NI		NI.COM AUSTIN, TEXAS
	TITLE SHC68-C68-RDIO2 68-POS VHDCI OFFSET		
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	SIZE D 7U296	CODE IDENT NO. 01/28/22	DATE 01/28/22
SCALE: 1/1		SHEET 1 OF 2	

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P1 68-POS VHDCI CONN		COAXIAL COMPONENT	P2 68-POS VHDCI CONN		SIGNAL NAME
PAD #	PIN #		PAD #	PIN #	
1	1	1	1	1	I/O 31
2	2	SHIELD-1	2	2	DGND
3	3	2	3	3	I/O 29
4	4	SHIELD-2	4	4	DGND
5	5	3	5	5	I/O 27
6	4	SHIELD-3	6	4	DGND
7	7	4	7	7	I/O 25
8	6	SHIELD-4	8	6	DGND
9	8	5	9	8	RES 2
10	6	SHIELD-5	10	6	DGND
11	9	6	11	9	I/O 23
12	10	SHIELD-6	12	10	DGND
13	11	7	13	11	I/O 21
14	12	SHIELD-7	14	12	DGND
15	13	8	15	13	I/O 19
16	14	SHIELD-8	16	14	DGND
17	15	9	17	15	I/O 17
18	16	SHIELD-9	18	16	DGND
19	17	10	19	17	I/O 15
20	18	SHIELD-10	20	18	DGND
21	19	11	21	19	I/O 13
22	20	SHIELD-11	22	20	DGND
23	21	12	23	21	I/O 11
24	22	SHIELD-12	24	22	DGND
25	23	13	25	23	I/O 9
26	22	SHIELD-13	26	22	DGND
27	25	14	27	25	I/O 7
28	24	SHIELD-14	28	24	DGND
29	26	15	29	26	TRIG 1
30	24	SHIELD-15	30	24	DGND
31	27	16	31	27	I/O 5
32	28	SHIELD-16	32	28	DGND
33	29	17	33	29	I/O 3
34	28	SHIELD-17	34	28	DGND
35	30	18	35	30	TRIG 3
36	32	SHIELD-18	36	32	DGND
37	31	19	37	31	I/O 1
38	32	SHIELD-19	38	32	DGND
39	33	20	39	33	CLK OUT/TRIG 4
40	34	SHIELD-20	40	34	DGND

P1 68-POS VHDCI CONN		COAXIAL COMPONENT	P2 68-POS VHDCI CONN		SIGNAL NAME
PAD #	PIN #		PAD #	PIN #	
41	35	21	41	35	I/O 30
42	36	SHIELD-21	42	36	DGND
43	37	22	43	37	I/O 28
44	38	SHIELD-22	44	38	DGND
45	39	23	45	39	I/O 26
46	40	SHIELD-23	46	40	DGND
47	41	24	47	41	I/O 24
48	42	SHIELD-24	48	42	DGND
49	43	25	49	43	I/O 22
50	44	SHIELD-25	50	44	DGND
51	45	26	51	45	I/O 20
52	46	SHIELD-26	52	46	DGND
53	47	27	53	47	I/O 18
54	48	SHIELD-27	54	48	DGND
55	49	28	55	49	I/O 16
56	48	SHIELD-28	56	48	DGND
57	51	29	57	51	I/O 14
58	50	SHIELD-29	58	50	DGND
59	52	30	59	52	TRIG 0
60	50	SHIELD-30	60	50	DGND
61	53	31	61	53	I/O 12
62	54	SHIELD-31	62	54	DGND
63	55	32	63	55	I/O 10
64	54	SHIELD-32	64	54	DGND
65	57	33	65	57	I/O 8
66	56	SHIELD-33	66	56	DGND
67	59	34	67	59	I/O 6
68	58	SHIELD-34	68	58	DGND
69	60	35	69	60	RES 0
70	58	SHIELD-35	70	58	DGND
71	61	36	71	61	I/O 4
72	62	SHIELD-36	72	62	DGND
73	63	37	73	63	I/O 2
74	62	SHIELD-37	74	62	DGND
75	64	38	75	64	TRIG 2
76	66	SHIELD-38	76	66	DGND
77	65	39	77	65	I/O 0
78	66	SHIELD-39	78	66	DGND
79	67	40	79	67	STROBE/TRIG 5
80	68	SHIELD-40	80	68	DGND

CUSTOMER DRAWING

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AND [INCHES]
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THIRD ANGLE PROJECTION



NI.COM
AUSTIN, TEXAS

TITLE
SHC68-C68-RDIO2
68-POS VHDCI OFFSET



SIZE CODE IDENT NO. DATE
D 7U296 01/28/22

SCALE: 1/1 SHEET 2 OF 2

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