

CUSTOMER DRAWING COMPATIBILITY			
REV	DESCRIPTION	DATE	APPROVED
A	DRAWING COMPATIBLE, OBSOLETE		
B	DRAWING COMPATIBLE, OBSOLETE		
C	DRAWING COMPATIBLE, OBSOLETE		
D	DRAWING COMPATIBLE, RELEASED		

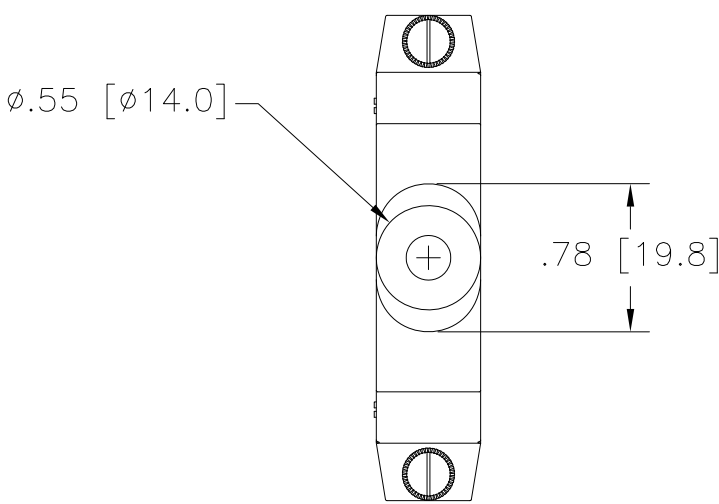
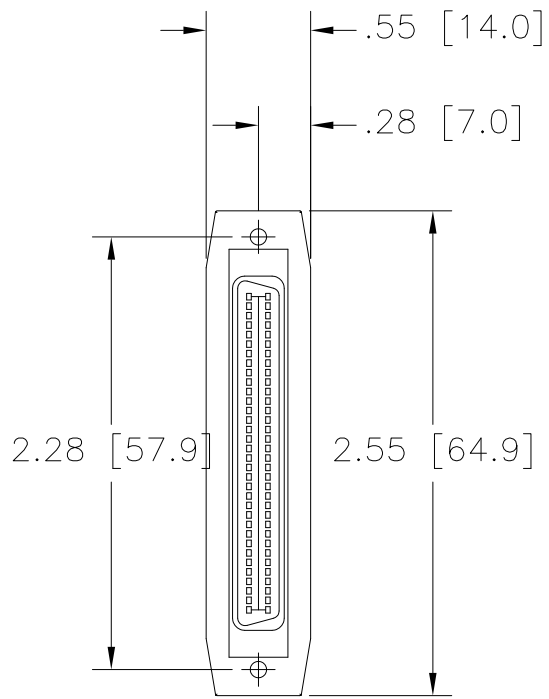
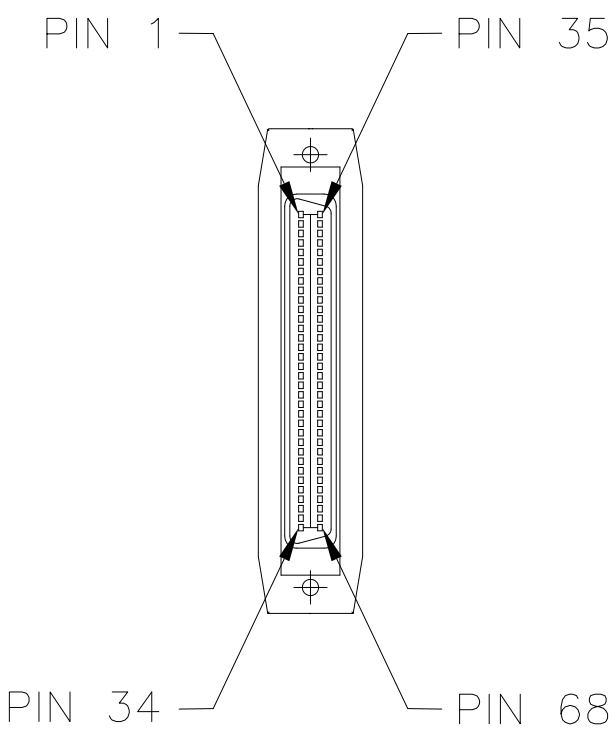
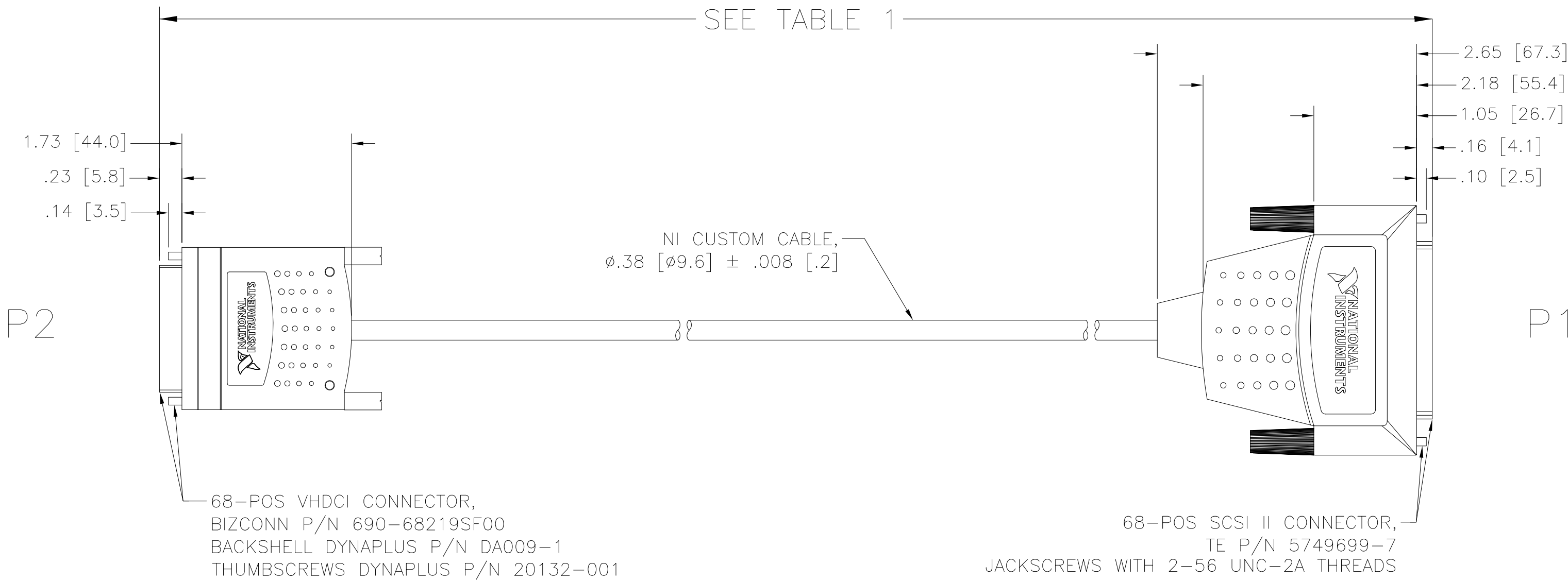
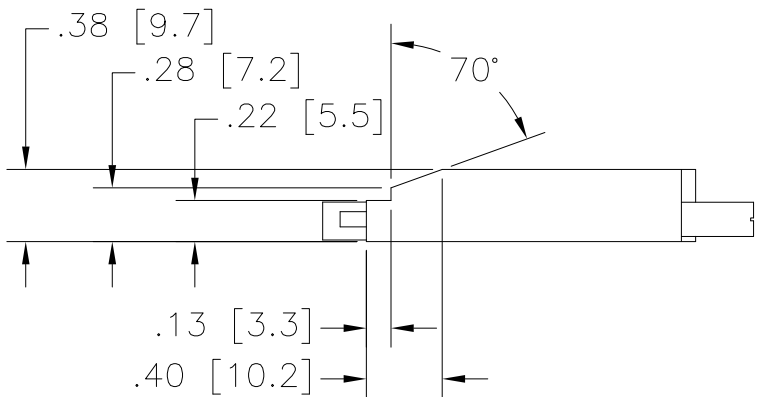
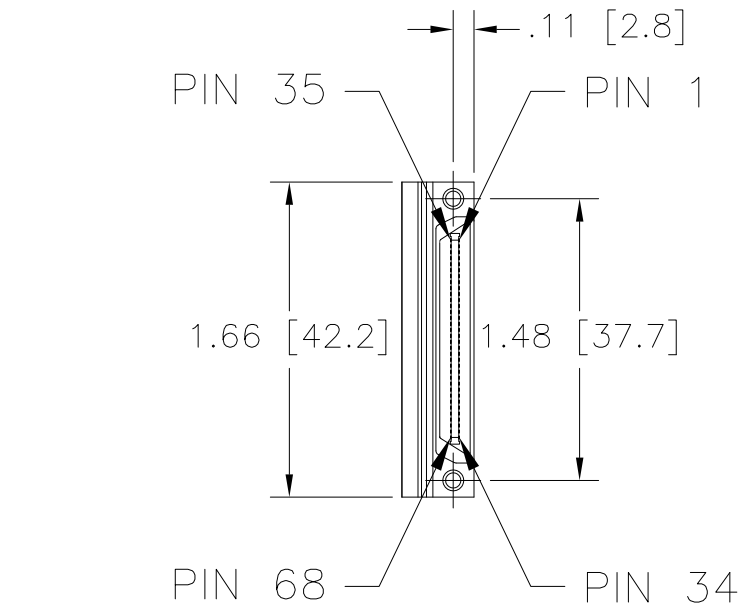
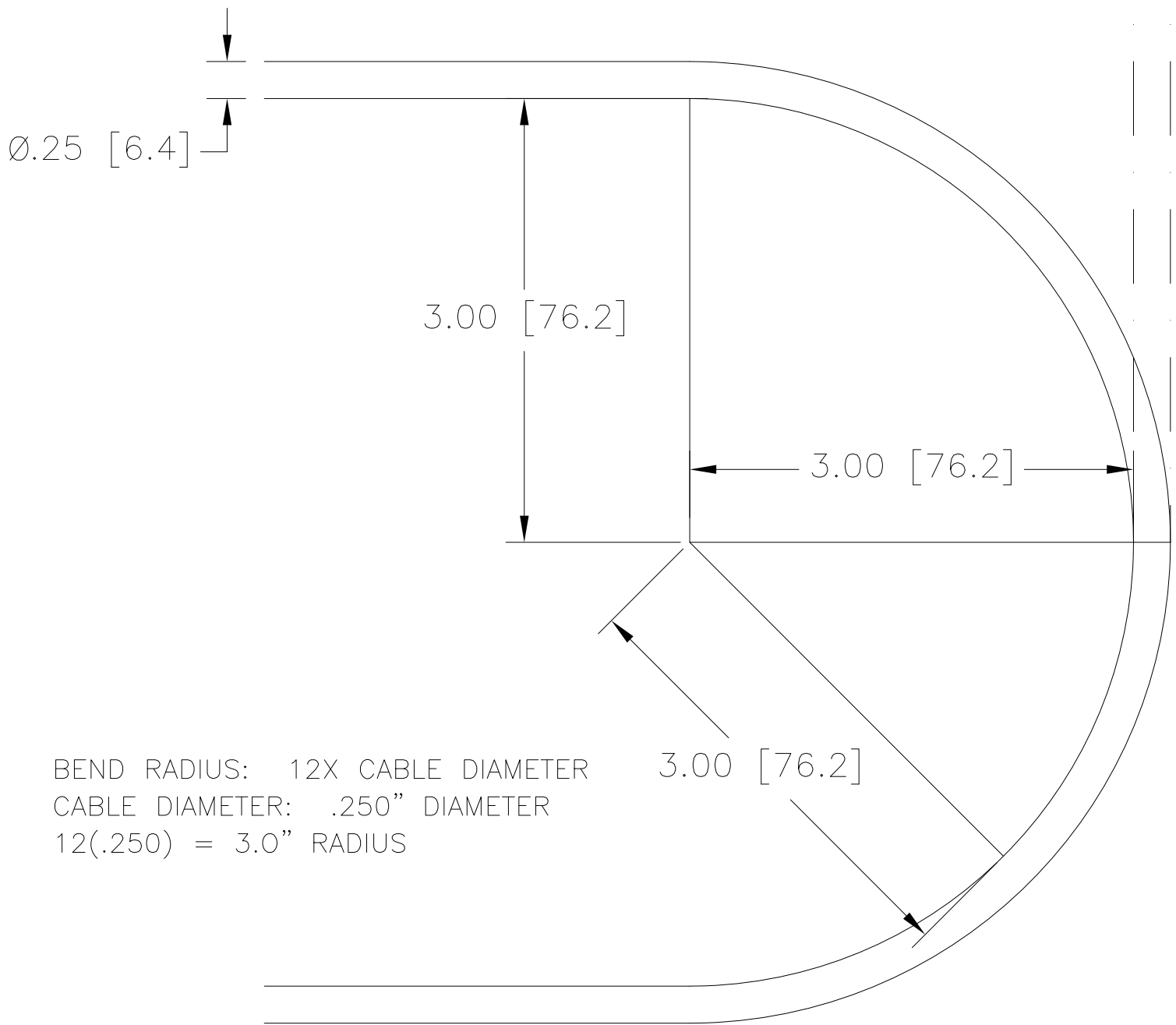


TABLE 1	
LENGTH	TOLERANCE
<2M	+5 CM/-0 CM
2 TO 5M	+10 CM/-0 CM
>5M	+15 CM/-0 CM

WIRE LIST		
P1	MAIN COLOR/RING COLOR MAIN COLOR/LINE COLOR	P2
1	WHITE	1
35	WHITE/BLACK	35
2	RED	2
36	RED/BLACK	36
3	YELLOW	3
37	YELLOW/BLACK	37
4	GREEN	4
38	GREEN/BLACK	38
5	BLUE	5
39	BLUE/WHITE	39
6	BROWN	6
40	BROWN/WHITE	40
7	ORANGE	7
41	ORANGE/BLACK	41
8	GRAY	8
42	GRAY/BLACK	42
9	VIOLET	9
43	VIOLET/WHITE	43
10	PINK	10
44	PINK/BLACK	44
11	LIGHT BLUE	11
45	LIGHT BLUE/BLACK	45
12	LIGHT GREEN	12
46	LIGHT GREEN/BLACK	46
13	WHITE/RED	13
47	WHITE/BLUE	47
14	RED/WHITE	14
48	RED/BLUE	48
15	YELLOW/RED	15
49	YELLOW/BLUE	49
16	GREEN/WHITE	16
50	LIGHT GREEN/BLUE	50
17	GRAY/RED	17
51	GRAY/BLUE	51

WIRE LIST (CONT.)		
P1	MAIN COLOR/RING COLOR MAIN COLOR/LINE COLOR	P2
18	PINK/RED	18
52	PINK/BLUE	52
19	LIGHT BLUE/RED	19
53	LIGHT BLUE/BLUE	53
20	LIGHT GREEN/RED	20
54	GREEN/BLUE	54
21	WHITE/YELLOW	21
55	WHITE/GREEN	55
22	GRAY/YELLOW	22
56	GRAY/GREEN	56
23	PINK/YELLOW	23
57	PINK/WHITE	57
24	LIGHT BLUE/YELLOW	24
58	LIGHT BLUE/GREEN	58
25	LIGHT GREEN/YELLOW	25
59	LIGHT GREEN/GREEN	59
26	BLUE/BLACK	26
60	VIOLET/BLACK	60
27	BLACK	27
61	BLACK/WHITE	61
28	YELLOW/WHITE	28
62	ORANGE/WHITE	62
29	LIGHT BLUE/WHITE	29
63	LIGHT GREEN/WHITE	63
30	GRAY/WHITE	30
64	VIOLET/YELLOW	64
31	VIOLET/RED	31
65	BLUE/RED	65
32	ORANGE/BLUE	32
66	VIOLET/BLUE	66
33	YELLOW/GREEN	33
67	ORANGE/GREEN	67
34	VIOLET/GREEN	34
68	PINK/GREEN	68
SHELL	OUTER SHIELD	SHELL



BEND RADIUS: 12X CABLE DIAMETER  
CABLE DIAMETER: .250" DIAMETER  
12(.250) = 3.0" RADIUS

## BEND RADIUS EXAMPLE

## CONDUCTOR SPECIFICATIONS

CONDUCTOR: 30AWG 7/38 TIN PLATED COPPER, .012 INCH DIAMETER  
INSULATION: .0065 INCHES OF POLYPROPYLENE, .025 INCH 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 INCHES AND [MILLIMETERS]	<b>NATIONAL INSTRUMENTS®</b> AUSTIN, TEXAS	
	TITLE SHC68-68	
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	SIZE CODE IDENT NO. DRAWING NO. D 7U296 10/04/16	
	SCALE: 1/1	SHEET 1 OF 1