

## VEAM CIR Series Connectors

## Inserts by Shell Sizes

### Insert Arrangements Listed by Shell Sizes and Arrangement Numbers

Insert Arrangements	Total Contact	Contact Size					Service Rating	
		0	4	8	12	16		
10SL-3	3					3	A	
10SL-4	2					2	A	
10SL-55 (TC)	3					3	I	
14S-1	3					3	A	
14S-2	4					4	I	
14S-5	5					5	I	
14S-6	6					6	I	
14S-7	3					3	I	
14S-9	2					2	A	
14S-10(14S-2x100°)	4					4	I	
14S-12(14S-1x100°)	3					3	A	
14-SA-7*	7					7	I	
16S-1	7					7	A	
16S-4	2					2	D	
16S-5	3					3	A	
16S-8	5					5	A	
16-2	1				1		E	
16-7	3			1		2	A	
16-9	4				2	2	A	
16-10	3				3		A	
16-11	2				2		A	
16-12	1		1				A	
16-13 (TC)	2				2		A	
16-52 (TC)	2				2		A	
16A-10	10	ALL SIZE 18						A
18-1	10					10	*	
18-3	2				2		D	
18-4	4					4	D	
18-5	3				2	1	D	
18-06	6				4	2	A	
18-6	1		1				D	
18-8	8				1	7	A	
18-9	7				2	5	I	
18-10	4				4		A	
18-11	5				5		A	
18-12	6					6	A	
18-13	4			1	3		A	
18-14	2		1			1	A	
18-16	1				1		C	
18-17(18-9x100°)	7				2	5	I	
18-19	10					10	A	
18-20	5					5	A	
18-22	3					3	D	
18-24(18-1x250°)	10					10	*	
18-30(18-20x110°)	5					5	A	
18-31(18-20x260°)	5					5	A	
18-61*	1	COAX SIZE 4						D

Insert Arrangements	Total Contacts	Contact Size					Service Rating	
		0	4	8	12	16		
20-2	1	1					D	
20-3	3				3		D	
20-4	4				4		D	
20-7	8					8	*	
20-8	6			2		4	I	
20-11	13					13	I	
20-15	7				7		A	
20-16	9				2	7	A	
20-17	6				5	1	A	
20-18	9				3	6	A	
20-19	3			3			A	
20-21	9				1	8	A	
20-22	6			3		3	A	
20-23	2			2			A	
20-24	4			2		2	A	
20-25(20-11x100°)	13					13	I	
20-27	14					14	A	
20-29	17					17	A	
20-30(20-11x250°)	13					13	I	
20-33	11					11	A	
20A-7	7	ALL SIZE 18						D
20A-8	8			2		6	I	
20A-9	9				9		*	
20A-11	11	5 SIZE 20		1		5	A	
20A-29*	29	25 SIZE 18, 4 SIZE 12						I
20A-48	19					19	I	
22-1	2			2			D	
22-2	3			3			D	
22-4	4			2	2		A	
22-5	6				2	4	D	
22-6	3			2		1	D	
22-7	1	1					E	
22-8	2				2		E	
22-9	3				3		E	
22-11	2					2	B	
22-12	5			2		3	D	
22-14	19					19	A	
22-15	6				5	1	*	
22-17	9				1	8	*	
22-18	8					8	*	
22-19	14					14	A	
22-21	3	1				2	A	
22-22	4			4			A	
22-23	8				8		*	
22-27	9			1		8	*	
22-28	7					7	A	
22-34	5				3	2	D	
22A-9	9					9	A	
22A-10	10					10	A	
22A-16*	16					16	I	
22A-37	37	ALL SIZE 18						A
22B-10*	10			2		8	A	

# veam CIR Series Connectors

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## Inserts by Shell Sizes

### Insert Arrangements Listed by Shell Sizes and Arrangement Numbers

Insert Arrangements	Total Contacts	Contact Sizes					Service Rating	
		0	4	8	12	16		
24-2	7				7		D	
24-2 (GM)	7				7		D	
24-5	16					16	A	
24-06	6			4		2	D	
24-6	8				8		*	
24-6 (HM)	8				8		*	
24-7	16				2	14	A	
24-9	2		2				A	
24-10	7				7		A	
24-11	9			3	6		A	
24-11 (EM)	9			3	6		A	
24-12	5		2		3		A	
24-013	13				6	7	A	
24-19	12					12	A	
24-20	11				2	9	D	
24-21	10			1		9	D	
24-22	4			4			D	
24-27	7					7	E	
24-28	24					24	I	
24-67	19				19		A	
24A-1	1	1					B	
24A-2* (US)	2				2		HV	
24A-6 (US)	6			2	4		D	
24A-7	7				7		D	
24A-8*	8					8	HV	
24A-11 (US)	11			2		9	A	
24A-16*	16			1		15	E	
24A-24*	12				12		A	
24A-25	25					25	I	
24A-28	28					28	I	
24A-55	55	ALL SIZE 20						I
24T-2	2		1	1			D	
28-1	9			3	6		*	
28-2	14				2	12	D	
28-3	3			3			E	
28-5	5		2		1	2	D	
28-6	3		3				D	
28-9	12				6	6	D	
28-10	7		2	2	3		*	
28-11	22				4	18	A	
28-12	26					26	A	
28-13 (28-12X100°)	26					26	A	
28-15	35					35	A	
28-16	20					20	A	
28-17	15					15	*	
28-18	12					12	*	
28-19	10				4	6	*	
28-20	14				10	4	A	
28-21	37					37	A	
28-22	6		3			3	D	
28-31*	31			6		25 SIZE 20	I	
28-51	12				12		D	
28-59	17				7	10	A	
28-72	72	ALL SIZE 20						I

Insert Arrangement	Total Contacts	Contact Size					Service Rating	
		0	4	8	12	16		
28A-7	7		2	1-4M	4		A	
28A-9	9		4			5	A	
28A-10*	10				10		D	
28A-14	14				14		D	
28A-16*	16			4		12	A	
28A-29*	29			2		27	A	
28A-31*	31			6	25 SIZE 20		I	
28A-35	35					35	A	
28A-63 (CR)	28				9	19	*	
28B-7*	7			7			A	
28B-35	35					35	A	
28P-3*	3			3			C	
32-1	5	2			3		*	
32-2	5		3			2	E	
32-5	2	2					D	
32-6	23		2	3	2	16	A	
32-7	35				7	28	*	
32-8	30				6	24	A	
32-9	14		2			12	D	
32-13	23				5	18	D	
32-15	8	2			6		D	
32-16 (32-6x100°)	23		2	3	2	16	A	
32-17	4		4				D	
32-22	54					54	A	
32-31	31			8		31	A	
32-59	42			2		40	A	
32-68	16		4			12	A	
32-76	19				19		A	
32-101	101	ALL SIZE 20						I
32A-1	1	SIZE 4/0						B
32A-2*	2	1 SIZE 4/0				1	D	
32A-3	3		3				B	
32A-5 (GM)	5		5				A	
32A-6	6		2		4		E	
32A-7	7		3		4		D	
32A-8	8			8			A	
32A-10*	10		2	8			A	
32A-13	13				13		D	
32A-14*	14					14	HV	
32A-22	22	2				20	A	
32A-25	25				25		A	
32A-27	27			10		17	A	
32A-28	28				28		A	
32A-30	30			10		20	A	
32A-31*	31				18	13	A	
32A-40	40					40	A	
32A-48	48					48	I	
32A-55	55					55	A	
32A-69 (CR)	61	20 Size 16, 41 Size 20						A
32B-5 (GM)	5		5				A	
32B-22*	22		2			20	A	
32D-2*	2	1 SIZE 4/0				1	A	



**VEAM CIR Series Connectors**

*Inserts by Shell Sizes*

**Insert Arrangements Listed by Shell Sizes and Arrangement Numbers**

Insert Arrangements	Total Contacts	Contact Sizes					Service Rating	
		0	4	8	12	16		
36-3	6	3			3		D	
36-5	4	4					A	
36-6	6	2	4				A	
36-7	47				7	40	A	
36-8	47				1	46	A	
36-9	31		1	2	14	14	A	
36-10	48					48	A	
36-11 (36-10X100°)	48					48	A	
36-12 (36-10X250°)	48					48	A	
36-15	35					35	*	
36-16 (36-7X100°)	47				7	40	A	
36-17 (36-7X250°)	47				7	40	A	
36-18 (36-9X100°)	31		1	2	14	14	A	
36-54	39			8		31	A	
36-66	56				4	52	A	
36-74	44			1		43	A	
36-77	7		7				D	
36-78 *	14			12		2	D	
36A-1	1	SIZE 4/0						C
36A-2	2	2					A	
36A-10	10		2	8			A	
36A-12	12		2	10			A	
36A-22	22				22		D	
36A-48	48					48	I	
36A-51	6	3	2			1	D	
36A-61	6		2		4		E	
36A-72	72	4 SIZE 12, 16 SIZE 16, 52 SIZE 18						I
36B-6	6			3	1	2	B	
36B-10 *	10		2	8			A	
36B-12	12		3	3	3	3	D	
36B-61	6		2		4		E	
36B-78	14			12		2	D	
36B-90	1	SPECIAL						D
36D-78	14			10		4	D	
40-9	47			1	22	24	A	
40-10	29		4	9		16	A	
40-19	19		2		17		A	
40-55	55			1	19	35	I	
40-56	85					85	A	
40-58 *	58			1	19	38	I	
40-63	61					61	A	
40A-2	2			1	1 SIZE 4/0		D	
40A-3	5	3			2		E	
40A-4	6	4			2		A	
40A-5 (GM)	5	5					A	
40A-7	7	5			2		A	
40A-8	8	4				4	E	
40A-10	8		4			4	D	
40A-11*	11	5				6	A	
40A-14	14		8			6	A	
40A-19	19		2	17			A	
40A-20	20			2	18		D	

Insert Arrangements	Total Contacts	Contact Sizes					Service Rating	
		0	4	8	12	16		
40A-21	21		1		20		*	
40A-24	24			8	16		D	
40A-25	25		1		24		A	
40A-27	27		2		25		A	
40A-29 *	29			6	18	5	A	
40A-30	30		1		29		A	
40A-31	31				31		D	
40A-34 *	34			1	33		I	
40A-35	35				35		D	
40A-38	38				38		A	
40A-47	47			1	22	24	A	
40A-56	85					85	A	
40A-60	60					60	A	
40A-62	62			2		60	A	
40A-100	100	ALL SIZE 18						A
40A-130	130	114 SIZE 18		4	12		I	
40A-150	150	ALL SIZE 18						I
40B-4	4	4					E	
40B-5	5	3	1		1		A	
40B-19	19			19			A	
40B-37	37				37		A	
40B-90	3	1 SPECIAL			2		D	
40D-4	4				4		C	
40D-37	37					37	A	
40T-159*	159	ALL SIZE 20						I

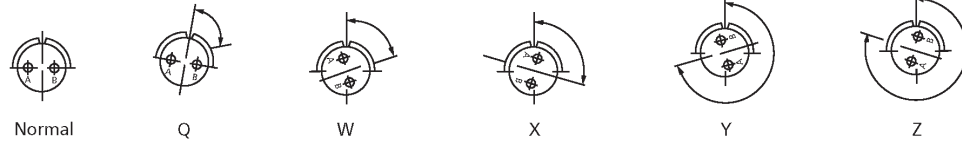


# veam CIR Series Connectors

## VEAM CIR Series Connectors

## Insert Rotations - Alternate Positions

Alternate Positions of Insert Arrangements (Key Stationary - Insert Rotated) Front View of Pin Insert



Insert Type	Degrees for Alternate Positions				
	Q	W	X	Y	Z
10SL-3	180	-	-	-	-
14S-2	-	-	120	240	-
14S-5	-	-	110	-	-
14S-6	-	90	-	-	-
14S-7	-	90	180	270	-
14S-9	-	70	145	215	290

16S-1	-	80	-	-	280
16S-4	-	35	110	250	325
16S-5	-	70	145	215	290
16S-8	-	-	170	265	-

16-7	-	80	110	250	280
16-9	-	35	110	250	325
16-10	-	90	180	270	-
16-11	-	35	110	250	325
16-13	-	35	110	250	325
16A-10	-	35	112	235	315

18-1	-	70	145	215	290
18-3	-	35	110	250	325
18-4	-	35	110	250	325
18-5	-	80	110	250	280
18-8	-	70	-	-	290
18-9	-	80	110	250	280
18-10	-	-	120	240	-
18-11	-	-	170	265	-
18-12	-	80	-	-	280
18-13	-	80	110	250	280
18-14	-	80	110	250	280
18-19	-	-	120	240	-
18-20	-	90	180	270	-
18-22	-	70	145	215	290

20-3	-	70	145	215	290
20-4	-	45	110	250	-
20-7	-	80	110	250	280
20-8	-	80	110	250	280
20-15	-	80	-	-	280
20-16	-	80	110	250	280
20-17	-	90	180	270	-
20-18	-	35	110	250	325
20-19	-	90	180	270	-
20-21	-	35	110	250	325

Insert Type	Degrees for Alternate Positions				
	Q	W	X	Y	Z
20-22	-	80	110	250	280
20-23	-	35	110	250	325
20-24	-	35	110	250	325
20-27	-	35	110	250	325
20-29	-	80	-	-	280
20-33	-	-	-	-	280
20A-8	-	35	110	250	325
20A-9	-	-	110	250	-
20A-29	-	45	-	210	-
20A-48	-	-	80	280	-

22-1	-	35	110	250	325
22-2	-	70	145	215	290
22-4	-	35	110	250	325
22-5	-	35	110	250	325
22-6	-	80	110	250	280
22-8	-	35	110	250	325
22-9	-	70	145	215	290
22-11	-	35	110	250	325
22-12	-	80	110	250	280
22-14	-	80	-	-	280
22-15	-	80	110	250	280
22-17	-	80	110	250	280
22-18	-	80	110	250	280
22-19	-	80	110	250	280
22-21	-	80	110	250	280
22-22	-	-	110	250	-
22-23	-	35	-	250	-
22-27	-	80	-	250	280
22-28	-	80	-	-	280
22-34	-	80	110	250	280
22A-9	-	60	135	250	305
22A-10	-	-	120	240	-
22A-16	-	80	110	250	280
22A37	-	80	112	250	280
22B-10	-	45	110	250	315

24-2	-	80	-	-	280
24-5	-	80	110	250	280
24-06	-	40	-	-	320
24-6	-	80	110	250	280
24-7	-	80	110	250	280

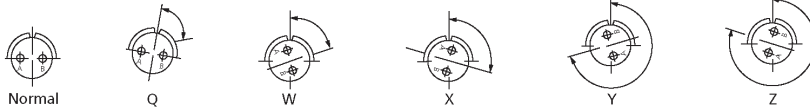
Insert Type	Degrees for Alternate Positions				
	Q	W	X	Y	Z
24-9	-	35	110	250	325
24-10	-	80	-	-	280
24-11	-	35	110	250	325
24-12	-	80	110	250	280
24-20	-	80	110	250	280
24-21	-	80	110	250	280
24-22	-	45	110	250	-
24-27	-	80	-	-	280
24-28	-	80	110	250	280
24-67	-	80	-	-	335
24A-2	-	35	110	250	325
24A-6	-	42	134	262	339
24A-7	-	80	-	-	280
24A-11	-	35	110	250	325
24A-25	-	80	110	250	280
24A-28	-	65	146	235	-
24A-55	-	80	110	250	280

28-1	-	80	110	250	280
28-2	-	35	110	250	325
28-3	-	70	145	215	290
28-5	-	35	110	250	325
28-6	-	70	145	215	290
28-9	-	80	110	250	280
28-10	-	80	110	250	280
28-11	-	80	110	250	280
28-12	-	90	180	270	-
28-15	-	80	110	250	280
28-16	-	80	110	250	280
28-17	-	80	110	250	280
28-18	-	70	145	215	290
28-19	-	80	110	250	280
28-20	-	80	110	250	280
28-21	-	80	110	250	280
28-22	-	70	145	215	290
28-51	23	80	135	195	-
28-59	-	35	110	250	325
28-72	-	72	144	216	288
28A-7	-	60	166	270	320
28A-9	-	110	250	260	280
28A-10	-	80	135	195	-
28A-14	-	35	90	-	-
28A-16	-	65	135	225	275
28A-31	-	35	-	260	310
28A-35	-	80	110	250	280
28B-7	-	80	-	-	280
28B-35	-	80	110	250	280
28P-3	-	70	145	215	290



**VEAM CIR Series Connectors**

**Insert Rotations - Alternate Positions**



Alternate Positions of Insert Arrangements (Key Stationary - Insert Rotated)  
Front View of Pin Insert

Insert Type	Degrees for Alternate Positions				
	Q	W	X	Y	Z
32-1	-	80	110	250	280
32-2	-	70	145	215	290
32-5	-	80	110	250	325
32-6	-	80	110	25	280
32-7	-	80	125	235	280
32-8	-	80	125	235	280
32-9	-	80	110	250	280
32-13	-	80	110	250	280
32-15	80	35	110	250	280
32-17	-	45	110	250	-
32-22	-	80	110	250	280
32-31	-	80	125	215	280
32-59	-	36	108	252	324
32-68	-	65	135	225	275
32-76	-	80	110	250	280
32-101	-	30	142	-	-
32A-3	-	22	44	75	98
32A-5	-	90	180	270	-
32A-8	-	35	122	-	315
32A-13	-	65	130	230	295
32A-14	-	35	90	-	-
32A-22	-	55	135	230	295
32A-25	-	60	120	-	-
32A-27	-	30	115	285	335
32A-30	-	65	-	-	-
32A-40	-	35	130	-	-
32A-48	-	80	125	235	280
32A-55	-	80	110	250	280
32B-22	-	35	110	250	325
32D-2	-	80	110	-	-

Insert Type	Degrees for Alternate Positions				
	Q	W	X	Y	Z
40-9	-	65	125	225	310
40-10	-	65	125	225	310
40-19	-	35	110	250	325
40-56	150	72	144	216	288
40-58	-	80	-	-	-
40-63	-	80	110	250	280
40A-2	-	35	110	250	325
40A-3	-	70	145	215	290
40A-4	-	50	120	240	325
40A-5	-	33	-	-	270
40A-7	-	108	-	-	-
40A-8	-	35	110	250	325
40A-14	-	80	135	195	-
40A-20	-	50	110	250	280
40A-21	-	50	130	260	280
40A-24	-	27	-	-	-
40A-25	-	50	130	260	280
40A-27	-	45	110	250	315
40A-30	-	30	-	-	295
40A-31	-	80	110	250	280
40A-35	-	70	130	230	290
40A-37	-	80	110	250	280
40A-38	-	37	74	285	322
40A-47	-	65	125	225	310
40A-56	-	72	144	216	288
40A-60	-	80	110	250	280
40A-62	-	80	130	230	280
40A-100	-	30	105	230	315
40A-130	-	45	113	-	309
40B-4	-	45	110	-	-
40B-19	-	35	105	225	325
40B-37	-	30	135	-	-
40D-4	-	45	110	-	-
40D-37	-	80	110	250	280

36-3	-	70	145	215	290
36-5	-	-	120	240	-
36-6	-	35	110	250	325
36-7	-	80	110	250	280
36-8	-	80	110	250	280
36-9	-	80	125	235	280
36-10	-	80	125	235	280
36-15	-	60	125	245	305
36-54	-	67	-	-	-
36-66	-	110	250	260	280
36-77	-	-	90	-	-
36-78	-	35	106	254	325
36A-2	-	35	110	250	325
36A-10	-	45	110	250	315
36A-22	-	80	110	250	280
36A-48	-	65	-	-	-
36A-51	-	45	135	225	315
36A-61	-	80	-	-	280
36A-72	-	-	110	-	-
36B-78	-	35	106	254	325
36D-78	-	35	106	254	325
36B-12	-	45	110	150	290

