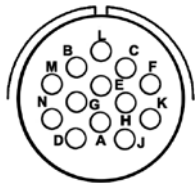
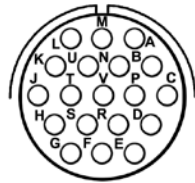


INSERT LAYOUTS AND WIRING LIST

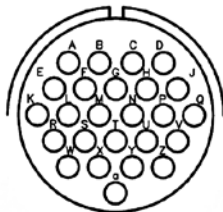
FRONT VIEW OF MALE INSERT



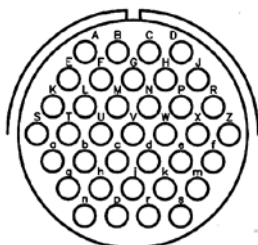
13 pin / size 20



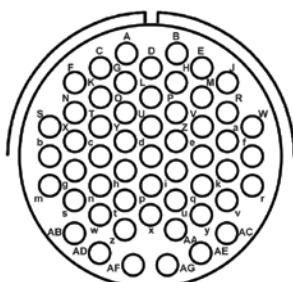
19 pin / size 20



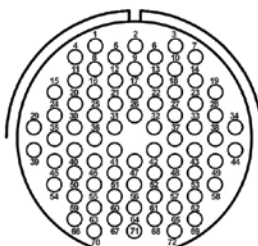
25 pin / size 24



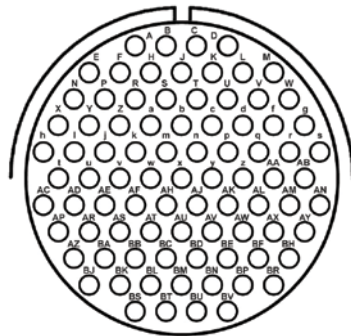
37 pin / size 28



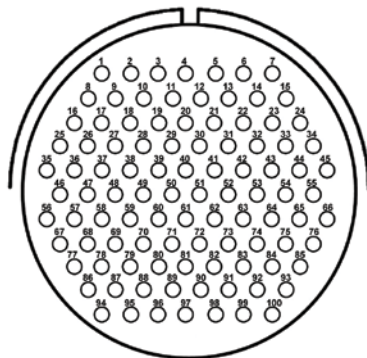
54 pin / size 32



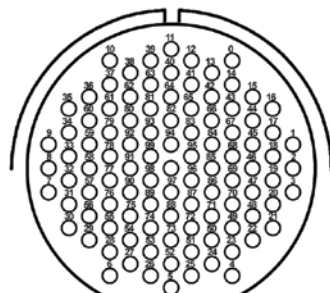
72 pin / size 28



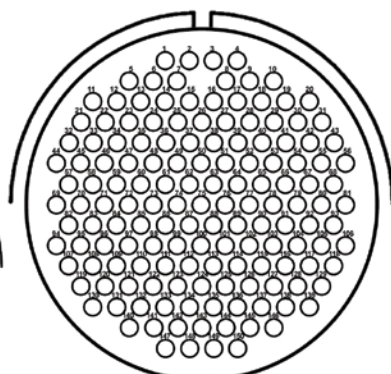
85 pin / size 40



100 pin / size 40



101 pin / size 32



150 pin / size 40

13 pin - 4 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	M	B	L
2	N	G	E
3	D	A	H
4	J	K	F

19 pin - 6 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	A	M	L
2	C	P	B
3	N	U	V
4	T	J	K
5	D	R	E
6	F	G	S

25 pin - 8 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	A	E	F
2	G	C	B
3	D	H	J
4	M	L	K
5	Q	P	N
6	W	S	R
7	T	X	Y
8	Z	V	U

37 pin - 12 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	E	F	A
2	B	C	G
3	H	J	D
4	S	T	K
5	L	M	U
6	V	W	N
7	P	R	X
8	a	b	g
9	c	d	j
10	e	f	m
11	n	p	h
12	r	s	k

54 pin - 16 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	W	f	r
2	J	R	a
3	k	v	AC
4	E	M	V
5	e	q	y
6	B	H	P
7	Z	j	u
8	D	L	U
9	d	p	x
10	A	G	O
11	Y	h	t
12	C	K	T
13	c	n	w
14	F	N	X
15	g	s	AB
16	S	b	m

85 pin - 28 channels			
Ch	Hot	Cold	Gnd
No.	+	-	⏏
1	A	B	C
2	E	F	H
3	J	K	L
4	N	P	R
5	S	T	U
6	X	Y	Z
7	a	b	c
8	d	f	g
9	h	i	j
10	k	m	n
11	p	q	r
12	t	u	v
13	w	x	y
14	z	AA	AB
15	AC	AD	AE
16	AF	AH	AJ
17	AK	AL	AM
18	AP	AR	AS
19	AT	AU	AV
20	AW	AX	AY
21	AZ	BA	BB
22	BC	BD	BE
23	BJ	BK	BL
24	BM	BN	BP
25	BS	BT	BU
26	BV	BR	BF
27	BH	AN	s
28	W	M	D

72 pin - 24 channels							
Ch	Hot	Cold	Gnd	Ch	Hot	Cold	Gnd
No.	+	-	⏏	No.	+	-	⏏
1	3	2	1	13	44	38	37
2	5	6	7	14	41	42	43
3	9	8	4	15	45	39	40
4	13	14	10	16	48	47	46
5	15	11	12	17	52	53	49
6	18	17	16	18	54	50	51
7	22	23	19	19	57	56	55
8	24	20	21	20	61	62	58
9	27	26	25	21	63	59	60
10	33	34	28	22	69	65	64
11	30	31	32	23	66	67	68
12	36	35	29	24	72	71	70

100 pin - 32 channels							
Ch	Hot	Cold	Gnd	Ch	Hot	Cold	Gnd
No.	+	-	⏏	No.	+	-	⏏
1	1	2	3	18	52	53	54
2	4	5	6	19	55	56	57
3	7	8	9	20	58	59	60
4	10	11	12	21	61	62	63
5	13	14	15	22	64	65	66
6	16	17	18	23	67	68	69
7	19	20	21	24	70	71	72
8	22	23	24	25	73	74	75
9	25	26	27	26	76	77	78
10	28	29	30	27	79	80	81
11	31	32	33	28	82	83	84
12	34	35	36	29	85	86	87
13	37	38	39	30	88	89	90
14	40	41	42	31	91	92	93
15	43	44	45	32	94	95	96
16	46	47	48	33	97	98	99
17	49	50	51				

101 pin - 32 channels							
Ch	Hot	Cold	Gnd	Ch	Hot	Cold	Gnd
No.	+	-	⏏	No.	+	-	⏏
1	3	2	1	17	54	53	52
2	9	8	7	18	57	56	55
3	12	11	10	19	60	59	58
4	15	14	13	20	63	62	61
5	18	17	16	21	66	65	64
6	21	20	19	22	69	68	67
7	24	23	22	23	72	71	70
8	27	26	25	24	75	74	73
9	30	29	28	25	78	77	76
10	33	32	31	26	81	80	79
11	36	35	34	27	84	83	82
12	39	38	37	28	87	86	85
13	42	41	40	29	88	89	90
14	45	44	43	30	93	92	91
15	48	47	46	31	96	95	94
16	51	50	49	32	99	98	97

150 pin - 48 channels							
Ch	Hot	Cold	Gnd	Ch	Hot	Cold	Gnd
No.	+	-	⏏	No.	+	-	⏏
1	1	2	3	25	75	76	77
2	5	6	7	26	78	79	80
3	8	9	10	27	82	83	84
4	11	12	13	28	85	86	87
5	14	15	16	29	88	89	90
6	17	18	19	30	91	92	93
7	21	22	23	31	94	95	96
8	24	25	26	32	97	98	99
9	27	28	29	33	100	101	102
10	20	30	31	34	103	104	105
11	32	33	34	35	56	81	106
12	35	36	37	36	107	108	109
13	38	39	40	37	110	111	112
14	41	42	43	38	113	114	115
15	44	45	46	39	116	117	118
16	47	48	49	40	119	120	121
17	50	51	52	41	122	123	124
18	53	54	55	42	125	126	127
19	57	58	59	43	139	128	129
20	60	61	62	44	130	131	132
21	63	64	65	45	133	134	135
22	66	67	68	46	136	137	138
23	69	70	71	47	140	141	142
24	72	73	74	48	143	144	145