PCB Footprints: High-Speed

Mating face of pin insert shown (socket will be opposite)

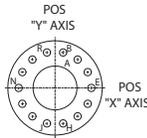**11-1**

1 #8

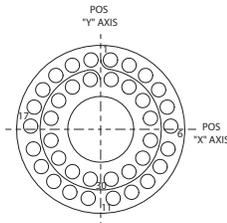| I.D. No.	Location		Gage
	X	Y	
A	.000	.000	NO. 8

13-4

1 #8
14 #23

I.D. NO.	LOCATION		GAGE
	X	Y	
A	.000	.000	NO. 8
B	.049	.215	NO. 23
C	.137	.172	NO. 23
D	.198	.096	NO. 23
E	.220	.000	NO. 23
F	.198	-.096	NO. 23
G	.137	-.172	NO. 23
H	.049	-.215	NO. 23
J	-.049	-.215	NO. 23
K	-.137	-.172	NO. 23
M	-.198	-.096	NO. 23
N	-.220	.000	NO. 23
P	-.198	.096	NO. 23
Q	-.137	.172	NO. 23
R	-.049	.215	NO. 23

17-2

1 #8
38 #22

I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
1	.046	.325	NO. 22D	21	-.133	.299	NO. 22D
2	.133	.299	NO. 22D	22	-.046	.325	NO. 22D
3	.211	.251	NO. 22D	23	.046	.231	NO. 22D
4	.272	.183	NO. 22D	24	.129	.197	NO. 22D
5	.312	.101	NO. 22D	25	.194	.133	NO. 22D
6	.328	.011	NO. 22D	26	.230	.050	NO. 22D
7	.318	-.079	NO. 22D	27	.232	-.040	NO. 22D
8	.284	-.164	NO. 22D	28	.200	-.125	NO. 22D
9	.228	-.236	NO. 22D	29	.137	-.191	NO. 22D
10	.154	-.289	NO. 22D	30	.055	-.229	NO. 22D
11	.068	-.321	NO. 22D	31	-.055	-.229	NO. 22D
12	-.068	-.321	NO. 22D	32	-.137	-.191	NO. 22D
13	.154	-.289	NO. 22D	33	-.200	-.125	NO. 22D
14	-.228	-.236	NO. 22D	34	-.232	-.040	NO. 22D
15	-.284	-.164	NO. 22D	35	-.230	.050	NO. 22D
16	-.318	-.079	NO. 22D	36	-.194	.133	NO. 22D
17	-.328	.011	NO. 22D	37	-.129	.197	NO. 22D
18	-.312	.101	NO. 22D	38	-.046	.231	NO. 22D
19	-.272	.183	NO. 22D	39	.000	.000	NO. 8
20	-.211	.251	NO. 22D				

17-22

2 #8
2 #12
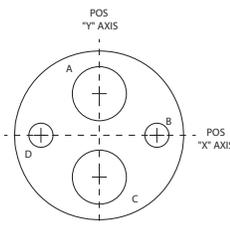
I.D. NO.	LOCATION		GAGE
	X	Y	
A	0	.180	NO. 8
B	.249	0	NO.12
C	0	-.180	NO. 8
D	.249	0	NO. 12

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

17-60

2 #8
8 #22

I.D. NO.	LOCATION		GAGE
	X	Y	
1	.000	.180	NO. 8
2	.240	.145	NO. 22D
3	.297	.000	NO. 22D
4	.240	-.145	NO. 22D
5	.000	-.180	NO. 8
6	-.240	-.145	NO. 22D
7	-.297	.000	NO. 22D
8	-.240	.145	NO. 22D
9	.177	.000	NO. 22D
10	-.177	.000	NO. 22D

17-75

2 #8
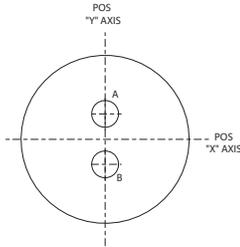
I.D. NO.	LOCATION		GAGE
	X	Y	
A	.000	.187	NO. 8
B	.000	-.187	NO. 8

19-4

4 #8
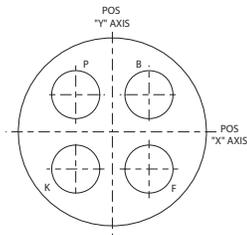
I.D. NO.	LOCATION		GAGE
	X	Y	
B	.180	.180	NO. 8
F	.180	-.180	NO. 8
K	-.180	-.180	NO. 8
P	-.180	.180	NO. 8

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

19-17

**2X #8
26X #20**
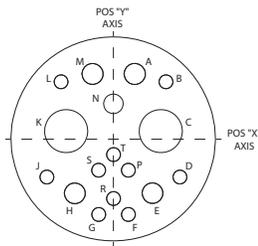
I.D. NO.	LOCATION		GAGE
	X	Y	
A	0.099	0.301	NO. 20
B	0.244	0.265	NO. 20
C	0.220	0.035	NO. 8
D	0.310	-0.178	NO. 20
E	0.181	-0.254	NO. 20
F	0.069	-0.353	NO. 20
G	-0.069	-0.353	NO. 20
H	-0.181	-0.254	NO. 20
J	-0.310	-0.178	NO. 20
K	-0.220	0.035	NO. 8
L	-0.244	0.265	NO. 20
M	-0.099	0.301	NO. 20
N	0.000	0.162	NO. 20
P	0.069	-0.147	NO. 20
R	0.000	-0.278	NO. 20
S	-0.069	-0.147	NO. 20
T	0.000	-0.071	NO. 20

19A-17

**1X #8
20X #16**
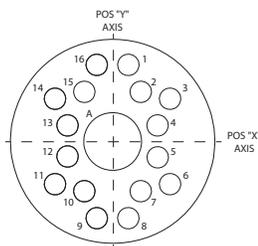
I.D. NO.	LOCATION		GAGE
	X	Y	
1	+.072	+0.328	NO. 20
2	+.138	+0.208	NO. 20
3	+.276	+0.195	NO. 20
4	+.239	+0.067	NO. 20
5	+.239	-0.067	NO. 20
6	+.276	-0.195	NO. 20
7	+.138	-0.208	NO. 20
8	+.072	-0.328	NO. 20
9	-0.072	-0.328	NO. 20
10	-0.138	-0.208	NO. 20
11	-0.276	-0.195	NO. 20
12	-0.239	-0.067	NO. 20
13	-0.239	+0.067	NO. 20
14	-0.276	+0.195	NO. 20
15	-0.138	+0.208	NO. 20
16	-0.072	+0.328	NO. 20
A	+.000	+0.000	NO. 8

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

19-18

4x #8
14X #22

I.D. NO.	LOCATION		GAGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
A	+.068	+.380	NO. 22	L	-0.377	-0.065	NO. 22
B	+.180	+.180	NO. 8	M	-0.317	+.000	NO. 22
C	+.377	+.065	NO. 22	N	-0.377	+.065	NO. 22
D	+.317	+.000	NO. 22	P	-0.180	+.180	NO. 8
E	+.377	-0.065	NO. 22	R	-0.068	+.380	NO. 22
F	+.180	-0.180	NO. 8	S	+.000	+.319	NO. 22
G	+.068	-.380	NO. 22	T	+.000	+.044	NO. 22
K	-0.180	-0.180	NO. 8	U	+.000	-0.044	NO. 22

21-75

4 #8
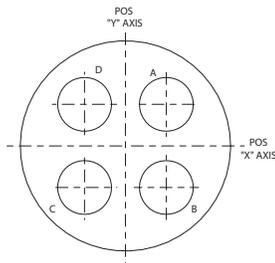
I.D. NO.	LOCATION		GAGE
	X	Y	
B	.180	.180	NO. 8
F	.180	-.180	NO. 8
K	-.180	-.180	NO. 8
P	-.180	.180	NO. 8

23-5

5 #8

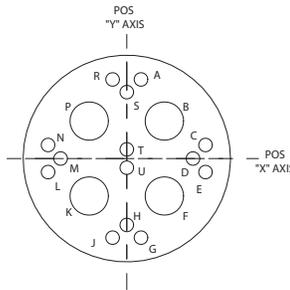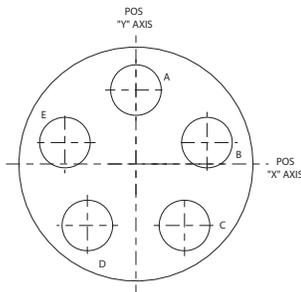| I.D. NO.	LOCATION		GAGE
	X	Y	
A	.000	.364	NO. 8
B	.347	.113	NO. 8
C	.214	-.295	NO. 8
D	-.214	-.295	NO. 8
E	-.347	.113	NO. 8

PCB Footprints: High-Speed

Mating face of pin insert shown (socket will be opposite)

PCB FOOTPRINTS

23-6

6 #8
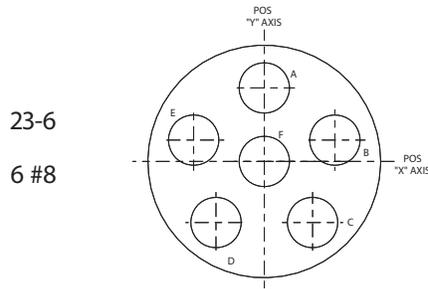
I.D. NO.	LOCATION		GAGE
	X	Y	
A	.000	.364	NO. 8
B	.347	.113	NO. 8
C	.214	-.295	NO. 8
D	-.214	-.295	NO. 8
E	-.347	.113	NO. 8
F	.000	.000	NO. 8

SuperNine® Series IV

Glenair®

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

25-7

2 #8
97 #22D
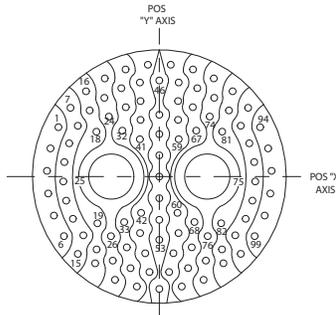
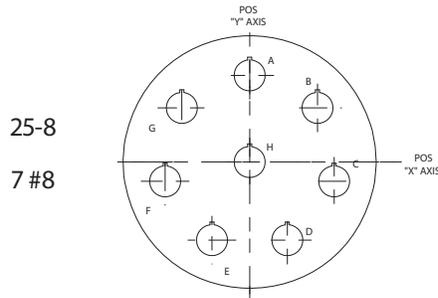| I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
1	-.494	.242	NO. 22	51	.000	-.106	NO. 22
2	-.533	.138	NO. 22	52	.000	-.212	NO. 22
3	-.550	.028	NO. 22	53	.000	-.310	NO. 22
4	-.544	-.083	NO. 22	54	.000	-.551	NO. 22
5	-.516	-.191	NO. 22	55	.056	.548	NO. 22
6	-.467	-.292	NO. 22	56	.095	.461	NO. 22
7	-.435	.337	NO. 22	57	.068	.370	NO. 22
8	-.399	.249	NO. 22	58	.092	.278	NO. 22
9	-.441	.163	NO. 22	59	.095	.183	NO. 22
10	-.465	.071	NO. 22	60	.089	-.178	NO. 22
11	-.470	-.024	NO. 22	61	.094	-.277	NO. 22
12	-.456	-.118	NO. 22	62	.069	-.376	NO. 22
13	-.423	-.207	NO. 22	63	.048	-.468	NO. 22
14	-.372	-.288	NO. 22	64	.165	.525	NO. 22
15	-.399	-.379	NO. 22	65	.186	.433	NO. 22
16	-.359	.418	NO. 22	66	.164	.340	NO. 22
17	-.341	.324	NO. 22	67	.181	.225	NO. 22
18	-.308	.222	NO. 22	68	.172	-.223	NO. 22
19	-.303	-.223	NO. 22	69	.159	-.347	NO. 22
20	-.307	-.357	NO. 22	70	.141	-.449	NO. 22
21	-.314	-.452	NO. 22	71	.111	-.539	NO. 22
22	-.267	.481	NO. 22	72	.267	.481	NO. 22
23	-.269	.386	NO. 22	73	.269	.386	NO. 22
24	-.247	.294	NO. 22	74	.247	.294	NO. 22
25	-.238	.000	NO. 8	75	.238	.000	NO. 8
26	-.237	-.292	NO. 22	76	.237	-.292	NO. 22
27	-.228	-.412	NO. 22	77	.228	-.412	NO. 22
28	-.217	-.506	NO. 22	78	.217	-.506	NO. 22
29	-.165	.525	NO. 22	79	.359	.418	NO. 22
30	-.186	.433	NO. 22	80	.341	.324	NO. 22
31	-.164	.340	NO. 22	81	.308	.222	NO. 22
32	-.181	.225	NO. 22	82	.303	-.223	NO. 22
33	-.172	-.223	NO. 22	83	.307	-.357	NO. 22
34	-.159	-.347	NO. 22	84	.314	-.452	NO. 22
35	-.141	-.449	NO. 22	85	.435	.337	NO. 22
36	-.111	-.539	NO. 22	86	.399	.249	NO. 22
37	-.056	.548	NO. 22	87	.441	.163	NO. 22
38	-.095	.461	NO. 22	88	.465	.071	NO. 22
39	-.068	.370	NO. 22	89	.470	-.024	NO. 22
40	-.092	.278	NO. 22	90	.456	-.118	NO. 22
41	-.095	.183	NO. 22	91	.423	-.207	NO. 22
42	-.089	-.178	NO. 22	92	.372	-.288	NO. 22
43	-.094	-.277	NO. 22	93	.399	-.379	NO. 22
44	-.069	-.376	NO. 22	94	.494	.242	NO. 22
45	-.048	-.468	NO. 22	95	.533	.138	NO. 22
46	.000	.471	NO. 22	96	.550	.028	NO. 22
47	.000	.303	NO. 22	97	.544	-.083	NO. 22
48	.000	.208	NO. 22	98	.516	-.191	NO. 22
49	.000	.104	NO. 22	99	.467	-.292	NO. 22
50	.000	.000	NO. 22				

SuperNine® Series IV

PCB Footprints: High-Speed

Mating face of pin insert shown (socket will be opposite)

25-8

7 #8

I.D. NO.	LOCATION		GAGE
	X	Y	
A	.000 (.00)	.426 (1.82)	NO. 8
B	.333 (8.46)	.266 (6.76)	NO. 8
C	.415 (10.54)	-.095 (2.41)	NO. 8
D	.185 (4.70)	-.384 (9.75)	NO. 8
E	-.185 (4.70)	-.384 (9.75)	NO. 8
F	-.415 (-10.54)	-.095 (2.41)	NO. 8
G	-.333 (8.46)	.266 (6.76)	NO. 8
H	.000 (.00)	.000 (.00)	NO. 8

25-17

6 #8
36 #22D
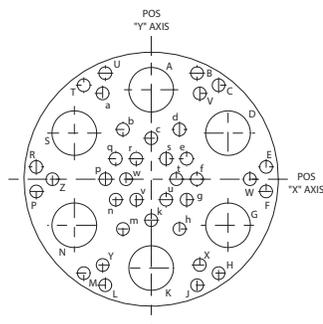
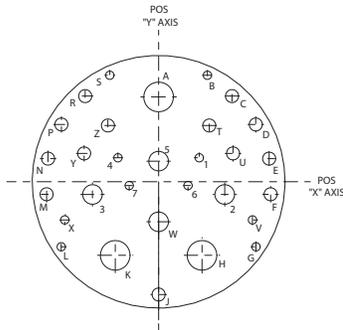| I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
A	.000	.437	NO. 8	a	-.237	.419	NO. 22
B	.224	.518	NO. 22	b	-.138	.243	NO. 22
C	.329	.459	NO. 22	c	.000	.200	NO. 22
D	.375	.225	NO. 8	d	.138	.243	NO. 22
E	.561	.060	NO. 22	e	.173	.100	NO. 22
F	.561	-.060	NO. 22	f	.223	.000	NO. 22
G	.375	-.225	NO. 8	g	.173	-.100	NO. 22
H	.329	-.459	NO. 22	h	.138	-.243	NO. 22
J	.224	-.518	NO. 22	k	.000	-.200	NO. 22
K	.000	-.437	NO. 8	m	-.138	-.243	NO. 22
L	-.224	-.518	NO. 22	n	-.173	-.100	NO. 22
M	-.329	-.459	NO. 22	p	-.223	.000	NO. 22
N	-.375	-.225	NO. 8	q	-.173	.100	NO. 22
P	-.561	-.060	NO. 22	r	-.073	.100	NO. 22
R	-.561	.060	NO. 22	s	.073	.100	NO. 22
S	-.375	.225	NO. 8	t	.123	.000	NO. 22
T	-.329	.459	NO. 22	u	.073	-.100	NO. 22
U	-.224	.518	NO. 22	v	-.073	-.100	NO. 22
V	.237	.419	NO. 22	w	-.123	.000	NO. 22
W	.482	.000	NO. 22				
X	.237	-.419	NO. 22				
Y	-.237	-.419	NO. 22				
Z	-.482	.000	NO. 22				

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

25-20

3 #8
4 #12
3 #16
10 #20

I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
A	.000	.407	NO. 8	S	.234	.511	NO. 20
B	.234	.511	NO. 20	T	.243	.270	NO. 16
C	.352	.411	NO. 16	U	.357	.136	NO. 16
D	.466	.275	NO. 16	V	.450	-.183	NO. 20
E	.530	.111	NO. 16	W	.000	-.131	NO. 12
F	.537	-.060	NO. 16	X	.450	-.183	NO. 20
G	.467	-.312	NO. 20	Y	.357	.136	NO. 16
H	.208	-.353	NO. 8	Z	.243	.270	NO. 16
J	.000	-.541	NO. 16	1	.195	.115	NO. 20
K	-.208	-.353	NO. 8	2	.317	-.061	NO. 12
L	-.467	-.312	NO. 20	3	-.317	-.061	NO. 12
M	-.537	-.060	NO. 16	4	-.195	.115	NO. 20
N	.530	.111	NO. 16	5	.000	.099	NO. 12
P	.466	.275	NO. 16	6	.141	-.018	NO. 20
R	.352	.411	NO. 16	7	-.141	-.018	NO. 20

25-26

4 #8
5 #12
16 #20
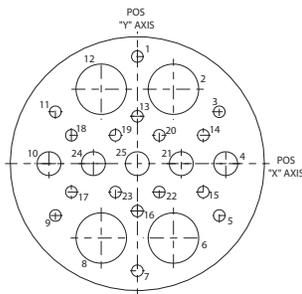
I.D. NO.	LOCATION		GAGE
	X	Y	
1	.000	.548	NO. 20
2	.205	.382	NO. 8
3	.460	.265	NO. 20
4	.495	.000	NO. 12
5	.460	-.265	NO. 20
6	.205	-.382	NO. 8
7	.000	-.548	NO. 20
8	-.205	-.382	NO. 8
9	-.460	-.265	NO. 20
10	-.495	.000	NO. 12
11	-.460	.265	NO. 20
12	-.205	.382	NO. 8
13	.000	.218	NO. 20
14	.375	.147	NO. 20
15	.375	-.147	NO. 20
16	.000	-.218	NO. 20
17	.375	-.147	NO. 20
18	.375	.147	NO. 20
19	.127	.140	NO. 20
20	.127	.140	NO. 20
21	.255	.000	NO. 12
22	.127	-.140	NO. 20
23	.127	-.140	NO. 20
24	.255	.000	NO. 12
25	.000	.000	NO. 12

PCB Footprints: High-Speed

PCB FOOTPRINTS

Mating face of pin insert shown (socket will be opposite)

25-41

3 #8
2 #12
11 #16
3 #20
22 #22D
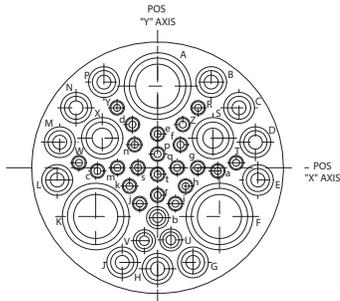
I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
A	.000	.425	NO. 8	a	.313	-.017	NO. 22D
B	.279	.446	NO. 16	b	.000	-.260	NO. 20
C	.424	.312	NO. 16	c	-.313	-.017	NO. 22D
D	.509	.133	NO. 16	d	-.131	.225	NO. 22D
E	.522	-.064	NO. 16	e	.000	.176	NO. 22D
F	.322	-.254	NO. 8	f	.119	.120	NO. 22D
G	.184	-.493	NO. 16	g	.209	.000	NO. 22D
H	.000	-.526	NO. 16	h	.146	-.096	NO. 22D
J	-.184	-.493	NO. 16	i	.093	-.187	NO. 22D
K	-.322	-.254	NO. 8	j	-.093	-.187	NO. 22D
L	-.522	-.064	NO. 16	k	-.146	-.096	NO. 22D
M	-.509	.133	NO. 16	m	-.209	.000	NO. 22D
N	-.424	.312	NO. 16	n	-.119	.120	NO. 22D
P	-.279	.446	NO. 16	p	.000	.071	NO. 22D
R	.211	.312	NO. 22D	q	.102	.000	NO. 22D
S	.288	.154	NO. 12	r	.000	-.143	NO. 22D
T	.409	.026	NO. 22D	s	-.102	.000	NO. 22D
U	.069	-.380	NO. 20	t	.000	-.034	NO. 22D
V	-.069	-.380	NO. 20				
W	-.409	.026	NO. 22D				
X	-.288	.154	NO. 12				
Y	-.211	.312	NO. 22D				
Z	.131	.225	NO. 22D				

25-90
&
25-46

2 #8
4 #16
40 #20
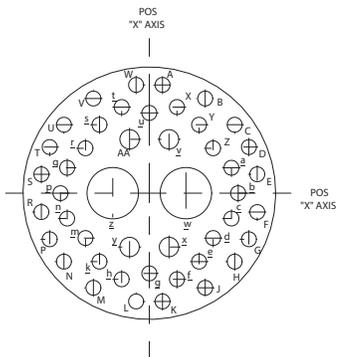
I.D. NO.	LOCATION		GAUGE	I.D. NO.	LOCATION		GAGE
	X	Y			X	Y	
A	.065	.533	NO. 20	a	.404	.125	NO. 20
B	.275	.466	NO. 20	b	.437	.000	NO. 20
C	.420	.337	NO. 20	c	.404	-.125	NO. 20
D	.490	.227	NO. 20	d	.314	-.221	NO. 20
E	.531	.093	NO. 20	e	.245	-.337	NO. 20
F	.531	-.093	NO. 20	f	.136	-.424	NO. 20
G	.490	-.227	NO. 20	g	.000	-.395	NO. 20
H	.420	-.337	NO. 20	h	-.136	-.424	NO. 20
J	.275	-.466	NO. 20	k	-.245	-.337	NO. 20
K	.065	-.533	NO. 20	m	-.314	-.221	NO. 20
L	-.065	-.533	NO. 20	n	-.404	-.125	NO. 20
M	-.275	-.466	NO. 20	p	-.437	.000	NO. 20
N	-.420	-.337	NO. 20	q	-.404	.125	NO. 20
P	-.490	-.227	NO. 20	r	-.314	.221	NO. 20
R	-.531	-.093	NO. 20	s	-.245	.337	NO. 20
S	-.531	.093	NO. 20	t	-.136	.424	NO. 20
T	-.490	.227	NO. 20	u	.000	.395	NO. 20
U	-.420	.337	NO. 20	v	.097	.265	NO. 16
V	-.275	.466	NO. 20	w	.180	.000	NO. 8
W	-.065	.533	NO. 20	x	.097	-.265	NO. 16
X	.136	.424	NO. 20	y	-.097	-.265	NO. 16
Y	.245	.337	NO. 20	z	-.180	.000	NO. 8
Z	.314	.221	NO. 20	AA	-.097	.265	NO. 16