SuperNine®

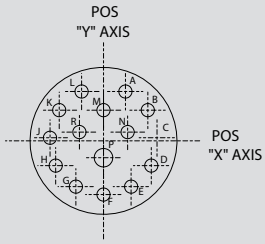
MIL-DTL-38999 Series III Type

Combo PCB footprints

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

15-15

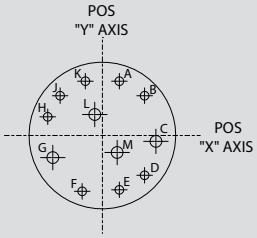
1x #16
14X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.100	0.225	NO. 20
B	0.202	0.140	NO. 20
C	0.244	0.014	NO. 20
D	0.218	-0.113	NO. 20
E	0.126	-0.209	NO. 20
F	0.000	-0.245	NO. 20
G	-0.126	-0.209	NO. 20
H	-0.218	-0.113	NO. 20
J	-0.244	0.014	NO. 20
K	-0.202	0.140	NO. 20
L	-0.100	0.225	NO. 20
M	0.000	0.140	NO. 20
N	0.110	0.040	NO. 20
P	0.000	-0.077	NO. 16
R	-0.110	0.040	NO. 20

15-97

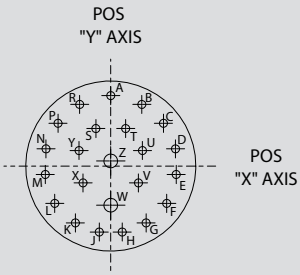
4X #16
8X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.065	0.234	NO. 16
B	0.178	0.178	NO. 16
C	0.230	-0.023	NO. 20
D	0.178	-0.178	NO. 16
E	0.065	-0.234	NO. 16
F	-0.089	-0.235	NO. 16
G	-0.207	-0.095	NO. 20
H	-0.234	0.065	NO. 16
J	-0.178	0.178	NO. 16
K	-0.065	0.234	NO. 16
L	-0.047	0.081	NO. 20
M	0.047	-0.081	NO. 20

17-99

2X #16
37X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO. X	LOCATION X	LOCATION Y	GAGE
A	0.000	0.321	NO. 20	N	-0.305	0.099	NO. 20
B	0.131	0.293	NO. 20	P	-0.239	0.214	NO. 20
C	0.239	0.214	NO. 20	R	-0.131	0.293	NO. 20
D	0.305	0.099	NO. 20	S	-0.070	0.177	NO. 20
E	0.319	-0.034	NO. 20	T	0.070	0.177	NO. 20
F	0.278	-0.161	NO. 20	U	0.175	0.094	NO. 20
G	0.189	-0.260	NO. 20	V	0.150	-0.075	NO. 20
H	0.067	-0.314	NO. 20	W	0.000	-0.161	NO. 16
J	-0.067	-0.314	NO. 20	X	-0.150	-0.075	NO. 20
K	-0.189	-0.260	NO. 20	Y	-0.175	0.094	NO. 20
L	-0.278	-0.161	NO. 20	Z	0.000	0.025	NO. 16
M	-0.319	-0.034	NO. 20				

Based on MIL-STD-1560 and other specs, contact factory for more details

SuperNine®

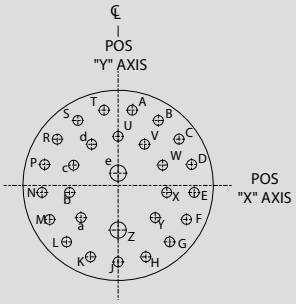
MIL-DTL-38999 Series III Type

Combo PCB footprints

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

19-28

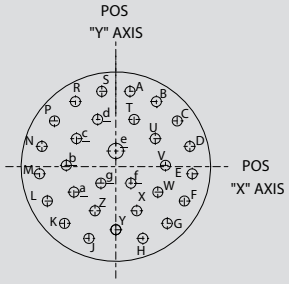
2X #16
26X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.066	0.353	NO. 20	R	-0.286	0.217	NO. 20
B	0.189	0.305	NO. 20	S	-0.189	0.305	NO. 20
C	0.286	0.217	NO. 20	T	-0.066	0.353	NO. 20
D	0.345	0.098	NO. 20	U	0	0.230	NO. 20
E	0.357	-0.033	NO. 20	V	0.124	0.193	NO. 20
F	0.321	-0.160	NO. 20	W	0.209	0.095	NO. 20
G	0.242	-0.265	NO. 20	X	0.228	-0.033	NO. 20
H	0.130	-0.335	NO. 20	Y	0.174	-0.151	NO. 20
J	0	-0.359	NO. 20	Z	0	-0.191	NO. 16
K	-0.130	-0.335	NO. 20	a	-0.174	-0.151	NO. 20
L	-0.242	-0.265	NO. 20	b	-0.228	-0.033	NO. 20
M	-0.321	-0.160	NO. 20	c	-0.209	0.095	NO. 20
N	-0.357	-0.033	NO. 20	d	-0.124	0.193	NO. 20
P	-0.345	0.098	NO. 20	e	0	0.062	NO. 16

19-30

1X #16
29X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.065	0.346	NO. 20	S	-0.065	0.346	NO. 20
B	0.186	0.299	NO. 20	T	0.084	0.217	NO. 20
C	0.282	0.210	NO. 20	U	0.181	0.129	NO. 20
D	0.340	0.093	NO. 20	V	0.228	0.008	NO. 20
E	0.351	-0.033	NO. 20	W	0.193	-0.117	NO. 20
F	0.315	-0.158	NO. 20	X	0.096	-0.203	NO. 20
G	0.236	-0.261	NO. 20	Y	0.000	-0.290	NO. 20
H	0.124	-0.330	NO. 20	Z	-0.096	-0.203	NO. 20
J	-0.124	-0.330	NO. 20	a	-0.193	-0.117	NO. 20
K	-0.236	-0.261	NO. 20	b	-0.228	0.008	NO. 20
L	-0.315	-0.158	NO. 20	c	-0.181	0.129	NO. 20
M	-0.351	-0.033	NO. 20	d	-0.084	0.217	NO. 20
N	-0.340	0.093	NO. 20	e	0.000	0.072	NO. 16
P	-0.282	0.210	NO. 20	f	0.069	-0.076	NO. 20
R	-0.186	0.299	NO. 20	g	-0.069	-0.076	NO. 20

Based on MIL-STD-1560 and other specs, contact factory for more details

SuperNine®

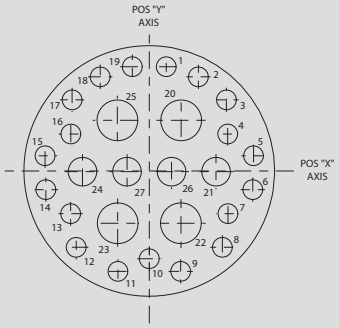
MIL-DTL-38999 Series III Type

Combo PCB footprints

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

21-29

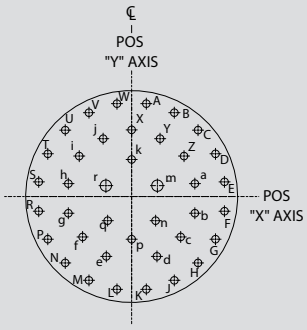
4X #12
4X #16
19X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
1	+.067	+.412	NO. 20	15	-0.412	+.060	NO. 20
2	+.194	+.372	NO. 20	16	-0.310	+.146	NO. 20
3	+.305	+.281	NO. 20	17	-0.305	+.281	NO. 20
4	+.310	+.146	NO. 20	18	-0.194	+.372	NO. 20
5	+.412	+.060	NO. 20	19	-0.067	+.412	NO. 20
6	+.409	-0.074	NO. 20	20	+.126	+.200	NO. 12
7	+.311	-0.169	NO. 20	21	+.264	-0.003	NO. 16
8	+.289	-0.302	NO. 20	22	+.125	-0.207	NO. 12
9	+.124	-0.397	NO. 20	23	-0.125	-0.207	NO. 12
10	0.000	-0.347	NO. 20	24	-0.264	-0.003	NO. 16
11	-124	-0.397	NO. 20	25	-0.126	+.200	NO. 12
12	-0.289	-0.302	NO. 20	26	+.088	-0.003	NO. 16
13	-0.311	-0.169	NO. 20	27	-0.088	-0.003	NO. 16
14	-0.409	-0.074	NO. 20				

21-39

2X #16
37X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.065	0.411	NO. 20	a	0.280	0.057	NO. 20
B	0.189	0.371	NO. 20	b	0.280	-0.074	NO. 20
C	0.294	0.294	NO. 20	c	0.217	-0.189	NO. 20
D	0.371	0.189	NO. 20	d	0.112	-0.265	NO. 20
E	0.411	0.065	NO. 20	e	-0.112	-0.265	NO. 20
F	0.411	-0.065	NO. 20	f	-0.217	-0.189	NO. 20
G	0.371	-0.189	NO. 20	g	-0.280	-0.074	NO. 20
H	0.294	-0.294	NO. 20	h	-0.280	0.057	NO. 20
J	0.189	-0.371	NO. 20	i	-0.232	0.179	NO. 20
K	0.065	-0.411	NO. 20	j	-0.126	0.256	NO. 20
L	-0.065	-0.411	NO. 20	k	0	0.164	NO. 20
M	-0.189	-0.371	NO. 20	m	0.114	0.048	NO. 16
N	-0.294	-0.294	NO. 20	n	0.106	-0.107	NO. 20
P	-0.371	-0.189	NO. 20	p	0	-0.189	NO. 20
R	-0.411	-0.065	NO. 20	q	-0.106	-0.107	NO. 20
S	-0.411	0.065	NO. 20	r	-0.114	0.048	NO. 16
T	-0.371	0.189	NO. 20				
U	-0.294	0.294	NO. 20				
V	-0.189	0.371	NO. 20				
W	-0.065	0.411	NO. 20				
X	0	0.295	NO. 20				
Y	0.126	0.256	NO. 20				
Z	0.232	0.179	NO. 20				

Based on MIL-STD-1560 and other specs, contact factory for more details

SuperNine®

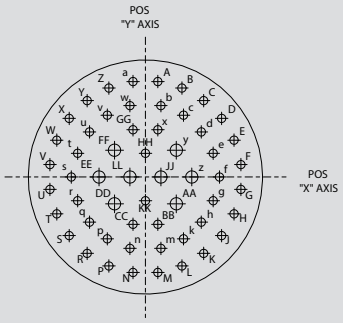
MIL-DTL-38999 Series III Type

Combo PCB footprints

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

25-4

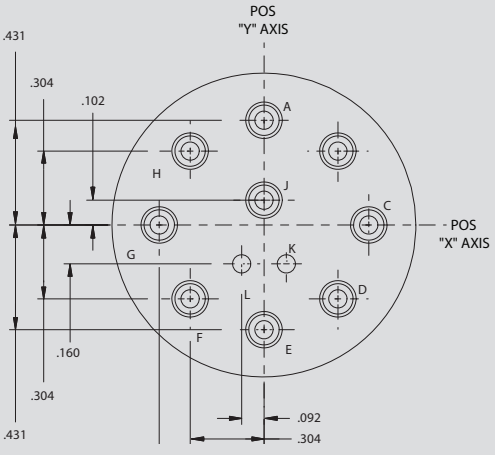
8X #16
48X #20



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	0.069	0.531	NO. 20	f	0.412	0.000	NO. 20
B	0.203	0.495	NO. 20	g	0.377	-0.132	NO. 20
C	0.324	0.425	NO. 20	h	0.311	-0.251	NO. 20
D	0.424	0.326	NO. 20	k	0.212	-0.344	NO. 20
E	0.493	0.205	NO. 20	m	0.086	-0.397	NO. 20
F	0.531	0.069	NO. 20	n	-0.086	-0.397	NO. 20
G	0.531	-0.069	NO. 20	p	-0.212	-0.344	NO. 20
H	0.493	-0.205	NO. 20	q	-0.311	-0.251	NO. 20
J	0.424	-0.326	NO. 20	r	-0.377	-0.132	NO. 20
K	0.324	-0.425	NO. 20	s	-0.412	0.000	NO. 20
L	0.203	-0.495	NO. 20	t	-0.377	0.132	NO. 20
M	0.069	-0.531	NO. 20	u	-0.311	0.251	NO. 20
N	-0.069	-0.531	NO. 20	v	-0.212	0.344	NO. 20
P	-0.203	-0.495	NO. 20	w	-0.086	0.397	NO. 20
R	-0.324	-0.425	NO. 20	x	0.069	0.263	NO. 20
S	-0.424	-0.326	NO. 20	y	0.172	0.149	NO. 20
T	-0.493	-0.205	NO. 20	z	0.258	0.000	NO. 20
U	-0.531	-0.069	NO. 20	AA	0.172	-0.149	NO. 16
V	-0.531	0.069	NO. 20	BB	0.069	-0.263	NO. 16
W	-0.493	0.205	NO. 20	CC	-0.069	-0.263	NO. 16
X	-0.424	0.326	NO. 20	DD	-0.172	-0.149	NO. 16
Y	-0.324	0.425	NO. 20	EE	-0.258	0.000	NO. 16
Z	-0.203	0.495	NO. 20	FF	-0.172	0.149	NO. 16
a	-0.069	0.531	NO. 20	GG	-0.069	0.263	NO. 16
b	0.086	0.397	NO. 20	HH	0.000	0.132	NO. 16
c	0.212	0.344	NO. 20	JJ	0.086	0.000	NO. 16
d	0.311	0.251	NO. 20	KK	0.000	-0.132	NO. 16
e	0.377	0.132	NO. 20	LL	-0.086	0.000	NO. 16

25-11

9X #10
2X #20



Based on MIL-STD-1560 and other specs, contact factory for more details

SuperNine®

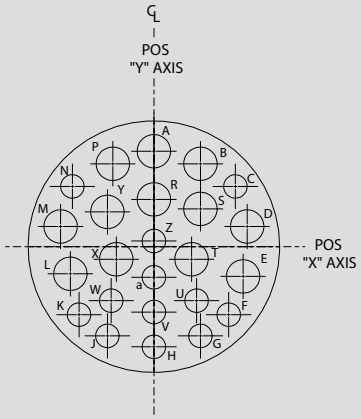
MIL-DTL-38999 Series III Type

Combo PCB footprints

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

25-24

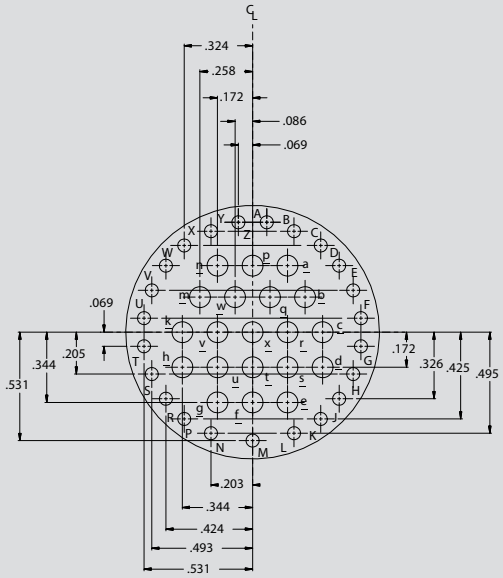
12X #16
12X #12



I.D. NO.	LOCATION X	LOCATION Y	GAGE	I.D. NO.	LOCATION X	LOCATION Y	GAGE
A	+.000	+.472	NO. 12	N	-.403	+.298	NO. 16
B	+.230	+.410	NO. 12	P	-.230	+.410	NO. 12
C	+.403	+.298	NO. 16	R	+.000	+.234	NO. 12
D	+.461	+.100	NO. 12	S	+.230	+.172	NO. 12
E	+.413	-.134	NO. 12	T	+.186	-.062	NO. 12
F	+.370	-.336	NO. 16	U	+.211	-.267	NO. 16
G	+.230	-.441	NO. 16	V	+.000	-.323	NO. 16
H	+.000	-.495	NO. 16	W	-.211	-.267	NO. 16
J	-.230	-.441	NO. 16	X	-.186	-.062	NO. 12
K	-.370	-.336	NO. 16	Y	-.230	+.172	NO. 12
L	-.413	-.134	NO. 16	Z	+.000	+.028	NO. 16
M	-.461	+.100	NO. 12	a	+.000	-.151	NO. 16

25-43

20X #16
23X #20



Based on MIL-STD-1560 and other specs, contact factory for more details