#### SuperNine®



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#20

# MIL-DTL-38999 Series III Type MIL-STD-1560 standard contact arrangements

26

#20

All views are pin face							
Contact Legend #22D ● #16 ⊕ #20 ⊖ #12 <del>—</del>			B A ⊕	Θ <sup>D</sup> <sup>A</sup> Θ Θ <sup>C</sup> <sup>B</sup> Θ	E O O O O O O O O O O O O O O O O O O O	9	
Insert Arrangement	9-35	9-98	11-2	11-4	11-5	11-35	11-98
No. of Contacts	6	3	2	4	5	13	6
Contact Size	#22D	#20	#16	#20	#20	#22D	#20
Service Rating	М	1	1	I		M	1
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>•</del>	E G G B D D D D D D C	$ \begin{pmatrix}                                    $	G⊕ € F⊕ Θ <sub>H</sub> EΘ Θ <sub>D</sub>	\ /			
Insert Arrangement	11-99	13-4	13-8	1:	3-98	13-35	15-5
No. of Contacts	7	4	8		10	22	5
Contact Size	#20	#16	#20		#20	#22D	#16
Service Rating	1	I	1		1	М	II
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>•</del>		M A B B C C C C C C C C C C C C C C C C C	OF OF			B F	⊕ B ⊕ C D D D D D D D D D D D D D D D D D D
Insert Arrangement	15-18	15-19		15-35	17-6		17-8
No. of Contacts	18	19		37	6		8
Contact Size	#20	#20		#22D	#12		#16
Service Rating	I	1		М	1		II
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 귵		1 1		• G		RO GO	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Insert Arrangement	17-26		17-35		19-11		19-32

No. of Contacts

**Contact Size** 

Service Rating

55

#22D

#16

### ADVANCED PERFORMANCE

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## MIL-DTL-38999 Series III Type MIL-STD-1560 standard contact arrangements

Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>□</del>	1 1 2 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 17 65 35 44 55 19 4 5 6 19 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Insert Arrangement	19-35	19-45	21-11	21-16
No. of Contacts	66	67	11	16
Contact Size	#22D	#22D	#12	#16
Service Rating	<u></u>	M	1	II
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del></del>	$\begin{bmatrix} L\Theta & \Theta_A & \Theta_A$	R O O O O O O O O O O O O O O O O O O O	R O O <sup>A</sup> O <sub>B</sub> P O O <sub>B</sub> S O O <sub>C</sub> N Z O O <sub>B</sub> O T O <sub>D</sub> M Y O d O O <sub>C</sub> O <sub>U</sub> E  O C C O O  M Y O D O O  M Y O D O O  M Y O D O  M Y O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Insert Arrangement	21-24	21-25	21-27	21-35
No. of Contacts	24	25	27	79
Contact Size	#20	#20	#20	#22D
Service Rating	1	I	l I	M
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>•</del>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	N	M N O O A B O O O O O O O O O O O O O O O O	T Θ Θ Α Θ Β Θ C Θ Ε Θ Ε Θ Ε Θ Ε Θ Ε Θ Ε Θ Ε Θ Ε Θ Ε
Insert Arrangement	21-41	23-21	23-32	23-34
No. of Contacts	41	21	32	34
Contact Size	#20	#16	#20	#20
Service Rating	1	II	l I	1
Contact Legend #22D • #16 ⊕ #20 ⊕ #12 <del>•</del>	3 16 25 0 46 50 0 77 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$\begin{array}{cccccccccccccccccccccccccccccccccccc	A
Insert Arrangement	23-35	23-36	23-53	23-55
No. of Contacts	100	36	53	55
Contact Size	#22D	#20	#20	#20
Service Rating	М	1	1	1

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## MIL-DTL-38999 Series III Type MIL-STD-1560 standard contact arrangements

Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>•</del>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Insert Arrangement	23-97
No. of Contacts	16
Contact Size	#16
Service Rating	1
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>□</del>	R ⊕ S ⊕ ⊕ B ⊕ C ⊕ C ⊕ C ⊕ C ⊕ C ⊕ C ⊕ C ⊕ C ⊕
Insert Arrangement	25-29
No. of Contacts	29
Contact Size	#16
Service Rating	I
Contact Legend #22D • #16 ⊕ #20 ⊖ #12 <del>•</del>	A   B   O   O   O   O   O   O   O   O   O
Insert Arrangement	25-61
No. of Contacts	61
Contact Size	#20

Service Rating

23-99	25-19
11	19
#16	#12
II	1
\$   0   0   0   0   0   0   0   0   0	

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
25-35	25-37
128	37
#22D	#16
M	II

	Test Voltage AC RMS 60Hz IAW MIL-DTL-38999							
	Sea I	_evel	50,000 Ft.		70,000 Ft.		100,000 Ft	
Service Rating	unmated	mated	unmated	mated	unmated	mated	unmated	mated
M	1300	1300	550	800	350	800	200	800
N	1000	1000	400	600	260	600	200	600
1	1800	1800	600	1000	400	1000	200	1000
- II	2300	2300	800	1000	500	1000	200	1000

Note: The provision of electrical safety factors in each particular application, including peak voltages, switching currents, transients, etc. is the responsibility of the electrical engineer.

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