

Contact Arrangements (Engaging View Pin Insert)

* Socket insert only
 ** Pin insert only (Not available in socket insert Series I and III)

† Indicates layouts are available in all shell styles including MS27499, MS27508, MS27505E insert availability
 ● Consult factory for MS27505E
 For "inactive", use -35 layout.

	Inactive			Inactive									
Series III	—	9-98	9-35	—	11-5	—	11-98	—	11-35	—	—	—	13-8
Series II	8-6†	8-98†	8-35†	—	10-5†	—	10-98†	—	10-35†	—	12-3	—	12-8†
Series I	9-6**	9-98	9-35	11-4	11-5	10-13†	10-98†	10-99†	11-35	11-99**	—	12-4†	12-8†
No. of Contacts	6 #22M	3 #20	6 #22D	4 #20	5 #20	13 #22M	6 #20	7 #20	13 #22D	—	3 #16	4 #16	8 #20
Service Ratings	M	I	M	I	I	M	I	I	M	—	II	I	I

	Inactive						Inactive			Inactive
Series III	—	—	13-35	—	15-5	15-15	15-18	15-19	15-35	—
Series II	13-98	—	12-35†	15-5	14-5†	14-15†	14-18†	15-19	14-35†	14-37†
Series I	13-98	12-22†	13-35	15-5	15-5	15-15	15-18	15-19	15-35	15-37**
No. of contacts	10 #20	22 #22M	22 #22D	5 #16	14 #20, 1 #16	18 #20	19 #20	37 #22D	37 #22D	37 #22M
Service Ratings	I	M	M	II	I	I	I	M	M	M

	Inactive							Inactive	
Series III	—	—	17-8	17-26	17-35	—	—	—	—
Series II	15-97	17-6	16-8†	16-26†	16-35†	16-42†	16-55†	16-99†	16-99†
Series I	14-97†	16-6	17-8	17-26	17-35	—	17-55**	17-99**	17-99**
No. of Contacts	8 #20, 4 #16	6 #12	8 #16	26 #20	55 #22D	42 #22	55 #22M	21 #20, 2 #16	21 #20, 2 #16
Service Ratings	I	I	II	I	M	M	M	I	I

	Inactive				Inactive		
Series III	—	—	19-11	19-32	19-35	—	
Series II	18-28	18-30	18-11	18-32†	18-35†	18-53	
Series I	19-28**	19-30**	19-11	19-32	19-35	19-66†	
No. of Contacts	26 #20, 2 #16	29 #20, 1 #16	11 #16	32 #20	66 #22D	53 #22	66 #22M
Service Ratings	I	I	II	I	M	M	M

	Inactive		Inactive		Inactive	
Series III	—	—	21-11	21-16	21-35	21-39
Series II	20-1†	20-2†	21-11	20-16†	20-35†	20-39†
Series I	21-1**	—	21-11	21-16	21-35	21-39
No. of Contacts	79 #22M	65 #22	11 #12	16 #16	79 #22D	37 #20, 2 #16
Service Ratings	M	M	I	II	M	I

	Inactive		Inactive		Inactive	
Series III	21-75	—	—	23-21	—	23-35
Series II	—	22-1†	22-2†	22-21	23-32	22-35†
Series I	21-75**	23-1**	23-2**	23-21	23-32**	23-35
No. of Contacts	4 #8 Twinax	100 #22M	85 #22	21 #16	32 #20	100 #22D
Service Ratings	M	M	M	II	I	M

Please consult factory for availability of layouts not shown.

MIL-C-38999 Series I, II, III Connectors

PAVE-Mate
 Type 27466 Series I
 Type 27508 Series II
 Type 99920 Series III
 Type 99940 Type IV

See PAVE Catalog, page 16

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	Inactive	Inactive		
Series III	23-53	23-55	—	25-4
Series II	22-53†	22-55†	24-1†	24-4†
Series I	23-53	23-55	25-1**	25-4
No. of Contacts	53 #20	55 #20	128 #22M	48 #20, 8 #16
Service Ratings	I	I	M	I

Series III	25-8	25-19	25-20	25-24	25-29
Series II	—	—	—	24-24†	24-29†
Series I	25-8*●	25-19	25-20*●	25-24	25-29
No. of Contacts	8 #8 Coax/Twinax	19 #12	3 #8 Twinax, 13 #16, 4 #12 Coax, 10 #20	12 #16, 12 #12	29 #16
Service Ratings	Coax	I	N	I	I

Series III	25-35	25-37	25-42	25-43	25-46
Series II	24-35†	—	—	—	—
Series I	25-35	25-37*●	25-42●	25-43	25-46
No. of Contacts	128 #22D	37 #16	38 #20, 4 #8 Coax	23 #20, 20 #16	40 #20, 4 #16, 2 #8 coax
Service Ratings	M	I	I, Coax	I	coax

Series III	25-61	25-64*	25-66*
Series II	24-61†	—	—
Series I	25-61	25-64●	25-66●
No. of Contacts	61 #20	40 #22D, 8 #20, 10 #16, 6 #12	53 #22D, 2 #20, 11 #16
Service Rating	I	I	I

Please consult factory for availability of layouts not shown.