



INSERT ARRANGEMENTS DETAILS

MIL-DTL-38999
Series III – Threaded Coupling

Shell Size(s)	Insert Arrangement					Contact Size						See Note(s)
	Series I	Series II	Series III	Service Rating	Total Contacts	22D	20	16	12	10	8	
9	-	-	9-02	I	2		2					⊙
8 & 9	9-35	8-35	A35	M	6	6						
8 & 9	9-98	8-98	A98	I	3		3					
11	11-2	-	B2	I	2			2				
11	11-4	-	B4	I	4		4					
10 & 11	11-5	10-5	B5	I	5		5					
10 & 11	11-35	10-35	B35	M	13	13						
10 & 11	11-98	10-98	B98	I	6		6					
10 & 11	11-99	10-99	B99	I	7		7					
13	-	-	CA	I	2				2			⊙
13	-	-	CB	M	6	4			2			⊙
12 & 13	13-4	12-4	C4	I	4			4				
12 & 13	13-8	12-8	C8	I	8		8					
12 & 13	13-35	12-35	C35	M	22	22						
12 & 13	13-98	12-98	C98	I	10		10					
14 & 15	15-5	14-5	D5	II	5			5				
14 & 15	15-15	14-15	D15	I	15		14	1				
14 & 15	15-18	14-19	D18	I	18		18					
15	15-19	-	D19	I	19		19					
14 & 15	15-35	14-35	D35	M	37	37						
14 & 15	15-97	14-97	D97	I	12		8	4				
17	-	-	EA	M	19	10	3	2	4			⊙
17	-	-	EB	M	13	6		4	3			⊙
17	-	-	EC	M	41	32	9					⊙
17	17-2	-	E2	M, Twinax	39	38					1⊙	
16 & 17	17-6	16-6	E6	I	6				6			
16 & 17	17-8	16-8	E8	II	8			8				
16 & 17	17-11	16-11 ⊙	E11	N, Coax, Twinax	11		8		1⊙ 2⊙			Only 16-11 is non-std
16 & 17	17-26	16-26	E26	I	26		26					
16 & 17	17-35	16-35	E35	M	55	55						
16 & 17	17-99	16-99	E99	I	23		21	2				
19	-	-	FA	M	23	6	8	7	2			⊙
19	-	-	FB	M	28	16	8	4				⊙
19	-	-	FC	M	27	16	4	7				⊙
19	-	-	FD	M	23		15	8				⊙
18 & 19	19-11	18-11	F11	II	11			11				
19	-	-	19-17	M, Twinax	17	10	1	4			2⊙	⊙
19	19-18	-	F18	M, Twinax	18	14					4⊙	
18 & 19	19-28	18-28	F28	I	28		26	2				
18 & 19	19-30	18-30	F30	I	30		29	1				
18 & 19	19-32	18-32	F32	I	32		32					
18 & 19	19-35	18-35	F35	M	66	66						
19	19-45	18-45	F45	M	67	67						
21	-	-	21-04	P	4						4	⊙
21	21-11	-	G11	I	11				11			
20 & 21	21-16	20-16	G16	II	16			16				
21	21-24	-	G24	I	24		24					
21	21-25	-	G25	I	25		25					

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INSERT ARRANGEMENT DETAILS

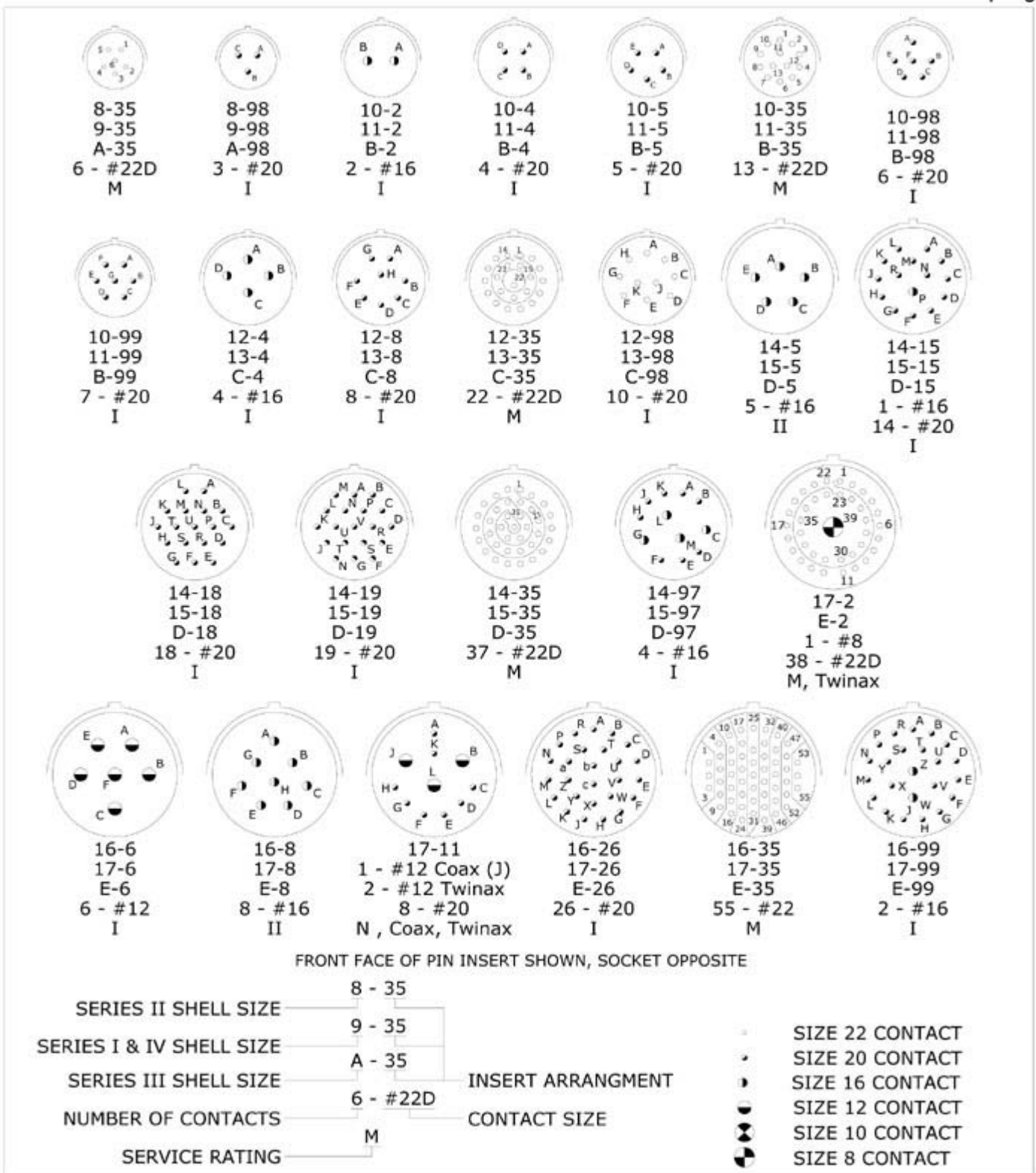
MIL-DTL-38999
Series III – Threaded Coupling

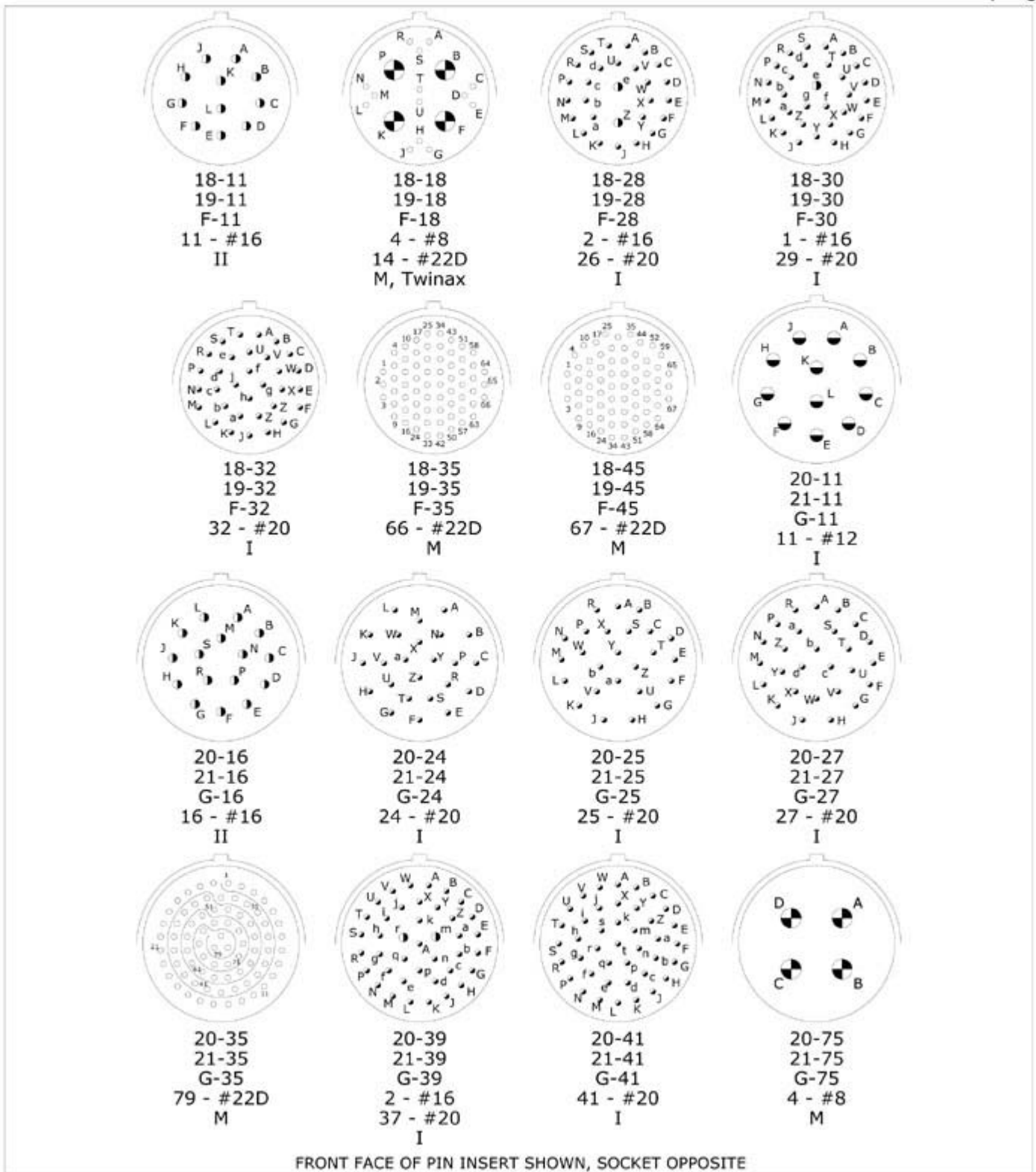
Shell Size(s)	Insert Arrangement					Contact Size						See Note(s)
	Series I	Series II	Series III	Service Rating	Total Contacts	22D	20	16	12	10	8	
21	21-27	-	G27	I	27		27					
20 & 21	21-35	20-35	G35	M	79	79						
20 & 21	21-39	20-39	G39	I	39		37	2				
20 & 21	21-41	20-41	G41	I	41		41					
21	21-75	-	G75	M	4						4⊙*	
22 & 23	23-21	22-21	H21	II	21			21				
22 & 23	23-32	22-32	H32	I	32		32					
23	23-34	-	H34	I	34		34					
22 & 23	23-35	22-35	H35	M	100	100						
23	23-36	-	H36	I	36		36					
22 & 23	23-53	22-53	H53	I	53		53					
22 & 23	23-55	22-55	H55	I	55		55					
23	23-97	-	H97	I	16			16				
23	23-99	-	H99	II	11			11				
25	-	-	JA	M	39	32		3	4			⊙
25	-	-	JB	M	69	56		4	9			⊙
25	-	-	JC	M	218	128						⊙
25	-	-	JD	M	65	41	8	10	6			⊙
25	-	-	JE	M	88	40	44					⊙
24 & 25	25-4	24-4	J4	I	56		48	8				
25	25-7	-	J7	M, Twinax	99	97						2⊙
25	25-8	-	J8	Twinax	8							8⊙
25	25-11	-	J11	Inst.	11		2			9		
25	25-19	-	J19	I	19				19			
25	25-20	-	J20	N	30		10	13	4⊙			3⊙
24 & 25	25-24	24-24	J24	I	24			12	12			
24 & 25	25-29	24-29	J29	I	29			29				
24 & 25	25-35	24-35	J35	M	128	128						
25	25-43	-	J43	I	43		23	20				
25	25-46	-	J46	I, Coax	46		40	4				2⊙*
24 & 25	25-61	24-61	J61	I	61		61					
25	25-90	-	J90	I, Twinax	48		40	4				2⊙

Legend:

☒	= Inactive for new Design
⊙	= Coax
⊙	= Twinax
⊙	= Coax/ Twinax
*	= For RG180/U & RG195U cables only
⊙	= Hirelco Custom Arrangement

For Service Rating and Contact performance details, see the Performance and Material Specifications page





FRONT FACE OF PIN INSERT SHOWN, SOCKET OPPOSITE



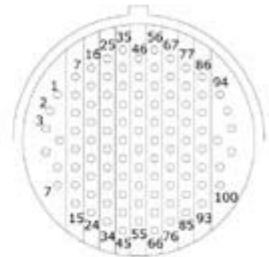
22-21
23-21
H-21
21 - #16
II



22-32
23-32
H-32
32 - #20
I



22-34
23-34
H-34
36 - #20
I



22-35
23-35
H-35
100 - #22D
M



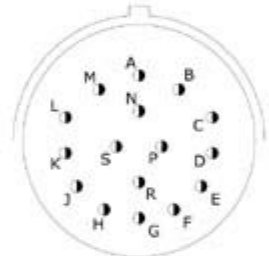
22-36
23-36
H-36
36 - #20
I



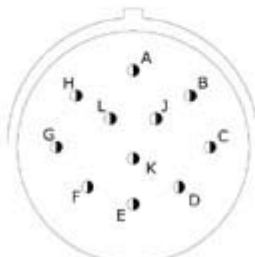
22-53
23-53
H-53
53 - #20
I



22-55
23-55
H-55
55 - #20
I



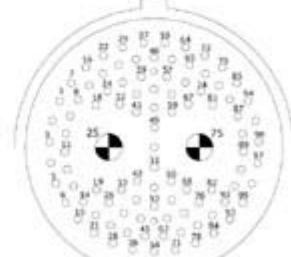
22-97
23-97
H-97
16 - #16
I



22-99
23-99
H-99
11 - #16
II



24-4
25-4
J-4
8 - #16
48 - #20
I



24-7
25-7
J-7
2 - #8
97 - #22D
I, Twinax

FRONT FACE OF PIN INSERT SHOWN, SOCKET OPPOSITE

