

Front face of pin inserts illustrated

38999
 SJT

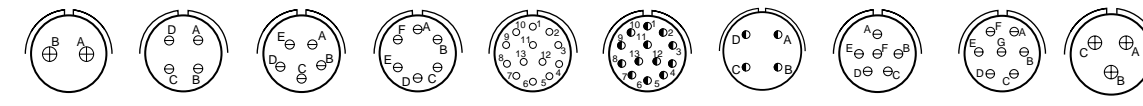
Shell Size & Insert Arrg. for:



Series II JT	8-2	8-3		8-6			8-35	8-44		8-97	8-98
Series I LJT		9-3		9-6	9-7	9-22	9-35	9-44			9-98
Series III TV			9-5				9-35		9-94		9-98
Service Rating	M	M	Grounded	M	M	I	M	M	M	M	I
Number of Contacts	2	3	1	6	7	2	6	4	2	2	3
Contact Size	20	20	8 Twinax	22M	22M	20	22D	22	20	22M	20

26482
 Matrix 2

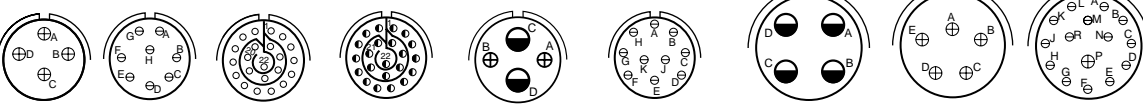
Shell Size & Insert Arrg. for:



Series II JT		10-4	10-5		10-13	10-35		10-98	10-99	12-3
Series I LJT	11-2	11-4	11-5	11-6	11-13	11-35		11-98	11-99	13-3
Series III TV	11-2	11-4	11-5			11-35	11-54	11-98	11-99	
Service Rating	I	I	I	I	M	M	II	I	I	II
Number of Contacts	2	4	5	6	13	13	4	6	7	3
Contact Size	16	20	20	20	22M	22D	22D	20	20	16

5015
 Crimp Rear Release Matrix

Shell Size & Insert Arrg. for:



Series II JT	12-4	12-8	12-22	12-35		12-98	14-4	14-5	14-15
Series I LJT	13-4	13-8	13-22	13-35		13-98	15-4	15-5	15-15
Series III TV	13-4	13-8	13-35	13-63	13-98	15-4	15-5	15-15	
Service Rating	I	I	M	M	I	I	I	II	I
Number of Contacts	4	8	22	22	2	10	4	5	14
Contact Size	16	20	22M	22D	16	20	12	16	20

Printed
 Circuit Board

Shell Size & Insert Arrg. for:



Series II JT	14-18	14-19	14-35	14-37	14-68	14-97			
Series I LJT	15-18	15-19	15-35	15-37	15-68	15-97		17-2	
Series III TV	15-18	15-19	15-35			15-97		17-2	
Service Rating	I	I	M	M	I	I	I	M	
Number of Contacts	18	19	37	37	8	8	4	38	1
Contact Size	20	20	22D	22M	16	20	16	22D	8 Twinax

EMI Filter
 Transient

Shell Size & Insert Arrg. for:



Series II JT	16-6	16-8	16-13			16-26
Series I LJT	17-6	17-8	17-13	17-22	17-25	17-26
Series III TV	17-6	17-8	17-22			17-26
Service Rating	I	II	I	Coax	M	I
Number of Contacts	6	8	13	2	2	26
Contact Size	12	16	16	12 Coax	8 Coax	22D

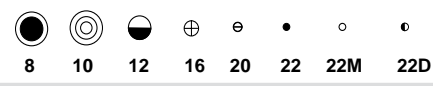
High Speed
 Contacts

Shell Size & Insert Arrg. for:



Service Rating	I	II	I	Coax	M	I
Number of Contacts	6	8	13	2	2	26
Contact Size	12	16	16	12 Coax	8 Coax	22D

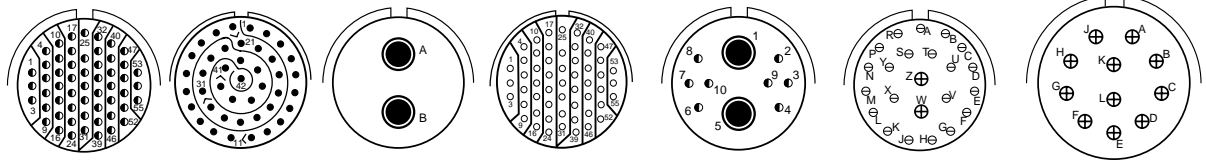
Options
 Others



MIL-DTL-38999, Series I LJT, II JT, III TV Insert Arrangements

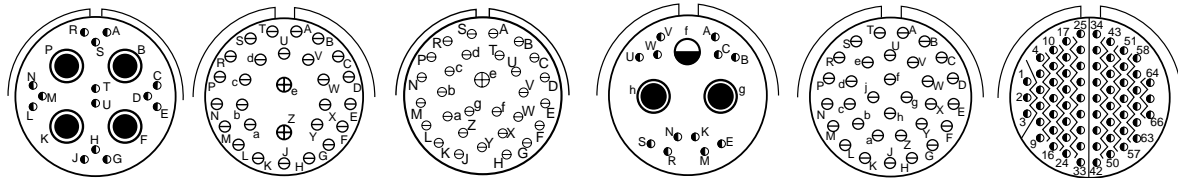


Front face of pin inserts illustrated



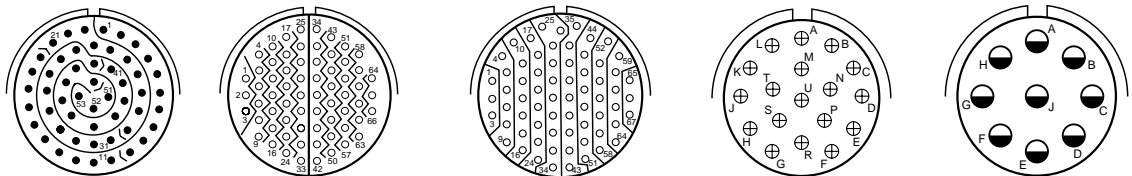
Shell Size & Insert Arrg. for:

Series II JT	16-35	16-42	16-55	16-99	18-11
Series I LJT	17-35	17-42	17-55	17-99	19-11
Series III TV	17-35		17-52	17-60	17-99
Service Rating	M	M	M	I/Coax	I
Number of Contacts	55	42	55	8	2
Contact Size	22D	22	8 Twinax	22D	8 Coax



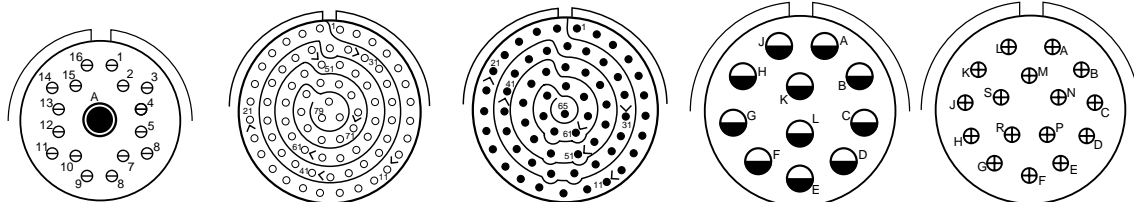
Shell Size & Insert Arrg. for:

Series II JT	18-28	18-30	18-32	18-35
Series I LJT	19-18	19-28	19-32	19-35
Series III TV	19-18	18-28	19-31	19-32
Service Rating	M	M	I	M
Number of Contacts	14	4	26	2
Contact Size	22D	8 Twinax	20	18



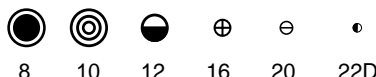
Shell Size & Insert Arrg. for:

Series II JT	18-53	18-66	18-68	18-96
Series I LJT	19-53	19-66	19-67	19-68
Series III TV				
Service Rating	M	M	M	I
Number of Contacts	53	66	67	18
Contact Size	22	22M	22M	16



Shell Size & Insert Arrg. for:

Series II JT	20-1	20-2	20-11	20-16
Series I LJT	21-1	21-2	21-11	21-16
Series III TV	19-AD		21-11	21-16
Service Rating	Inst.	M	M	I
Number of Contacts	16	1	79	65
Contact Size	20	8 Twinax	22M	22



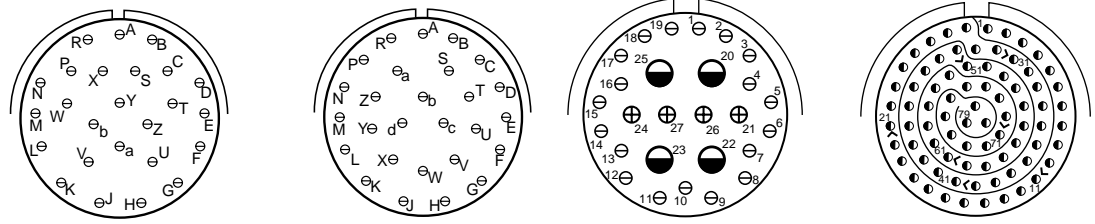
CONTACT LEGEND

- III 38999
- II
- I SJT
- 26482 Matrix 2
- 83723 III Matrix Pyle
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EMI Filter Transient
- Fiber Optics
- High Speed Contacts
- Options Others

MIL-DTL-38999, Series I LJT, II JT, III TV
Insert Arrangements

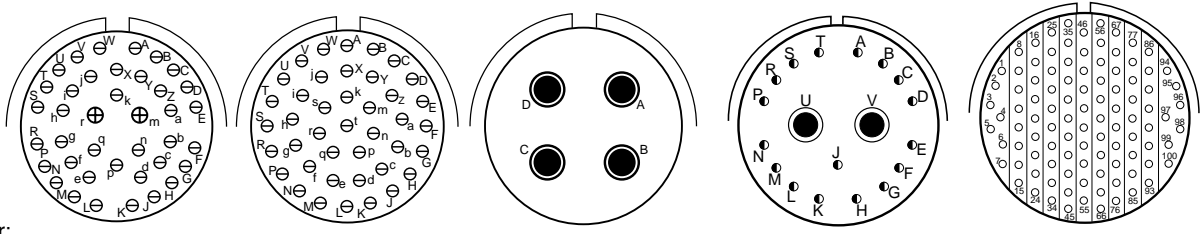
Front face of pin inserts illustrated

- 38999 SJT I II III
- 26482 Matrix 2
- 83723 III Pyle Matrix
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EMI Filter Transient
- Fiber Optics
- High Speed Contacts
- Options Others



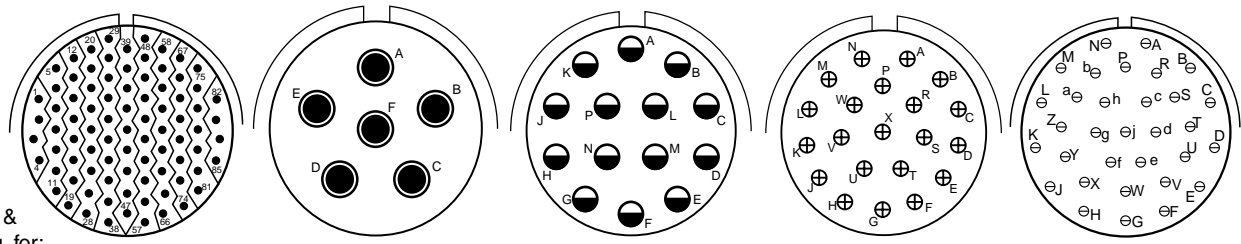
Shell Size & Insert Arrg. for:

Series II JT	Series I LJT			Series III TV			Series III TV
	21-25	21-27	21-29	21-29	21-29	21-29	20-35
Service Rating	I	I	I	I	I	I	M
Number of Contacts	25	27	19	4	4	4	79
Contact Size	20	20	20	16	12	12	22D



Shell Size & Insert Arrg. for:

Series II JT	Series I LJT	Series III TV	Series III TV	Series III TV
20-39	21-39	21-39	21-41	21-75
Service Rating	I	I	I	N
Number of Contacts	37	2	41	4
Contact Size	20	16	20	(See Note)



Shell Size & Insert Arrg. for:

Series II JT	Series I LJT	Series III TV	Series III TV	Series III TV
22-2	23-2	23-6	23-14	23-21
Service Rating	M	M	I	II
Number of Contacts	85	6	14	21
Contact Size	22	8 Twinax	12	16

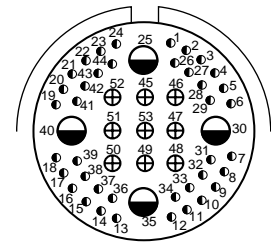
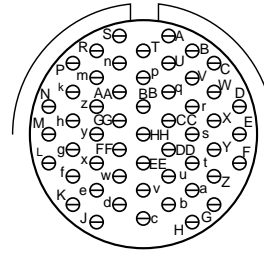
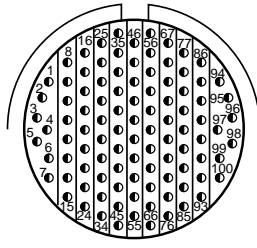
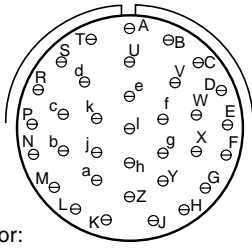
Note: MS connector 21-75 is supplied with four size 8 twinax contacts. Commercial connector 21-75 is supplied with four size 8 coax contacts. MS connector 21-79 has provision for two size 8 coax contacts. Coax contacts are not supplied unless specified by customers.



MIL-DTL-38999, Series I LJT, II JT, III TV Insert Arrangements

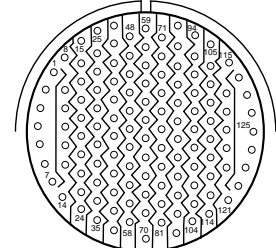
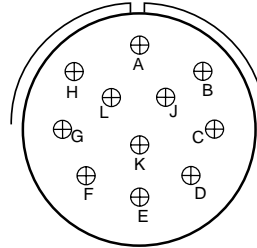
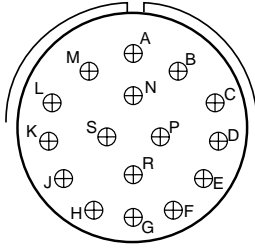
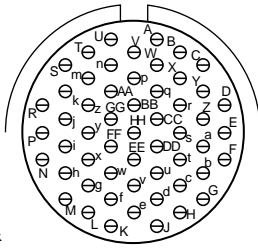


Front face of pin inserts illustrated



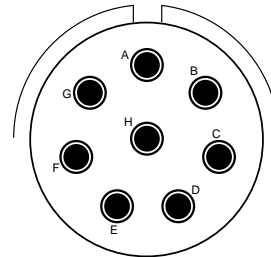
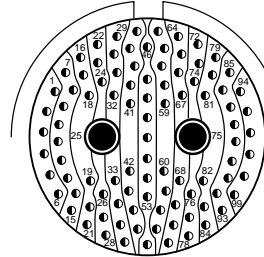
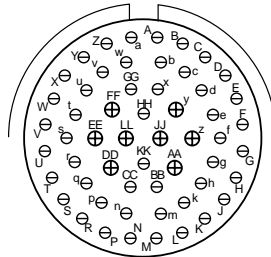
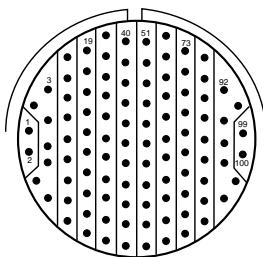
Shell Size & Insert Arrg. for:

Series II JT		22-35	22-53	
Series I LJT	23-34	23-35	23-53	
Series III TV		23-35	23-53	23-54
Service Rating	I	M	I	M
Number of Contacts	34	100	53	40 9 4
Contact Size	20	22D	20	22D 16 12



Shell Size & Insert Arrg. for:

Series II JT	22-55			24-1
Series I LJT	23-55	23-97	23-99	25-1
Series III TV	23-55			
Service Rating	I	II	II	M
Number of Contacts	55	16	11	128
Contact Size	20	16	16	22M



Shell Size & Insert Arrg. for:

Series II JT	24-2	24-4		
Series I LJT	25-2	25-4	25-7	
Series III TV		25-4	25-7	25-8
Service Rating	M	I	M	Twinax
Number of Contacts	100	48 8	97 2	8
Contact Size	22	20 16	22D 8 Twinax	8 Twinax

*** For use in MIL-STD-1760 applications (see pages 40 and 41).



CONTACT LEGEND 8 10 12 16 20 22D

38999
SJT

26482
Matrix 2

83723 III
Matrix Pyle

5015
Crimp Rear Release Matrix

26500 Pyle

Printed
Circuit Board

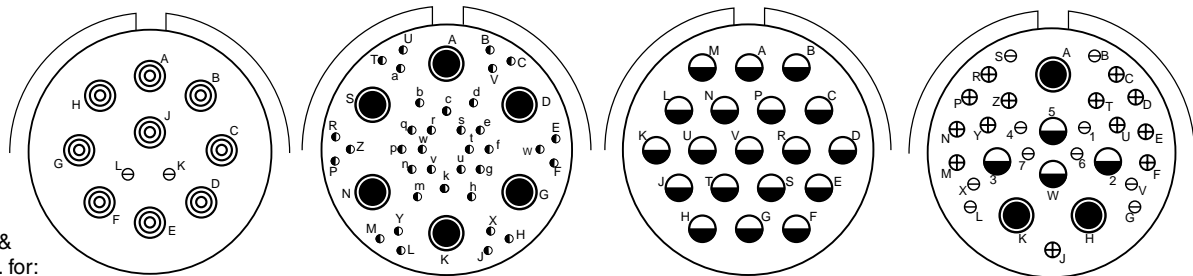
EML Filter
Transient

Fiber Optics

High Speed
Contacts

Options
Others

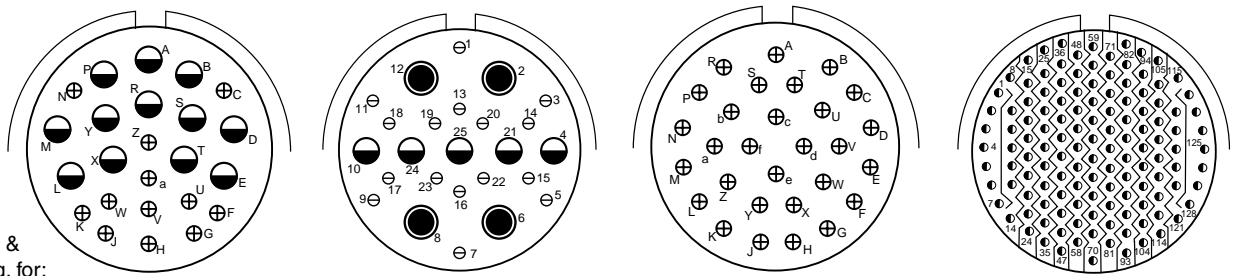
Front face of pin inserts illustrated



Shell Size & Insert Arrg. for:

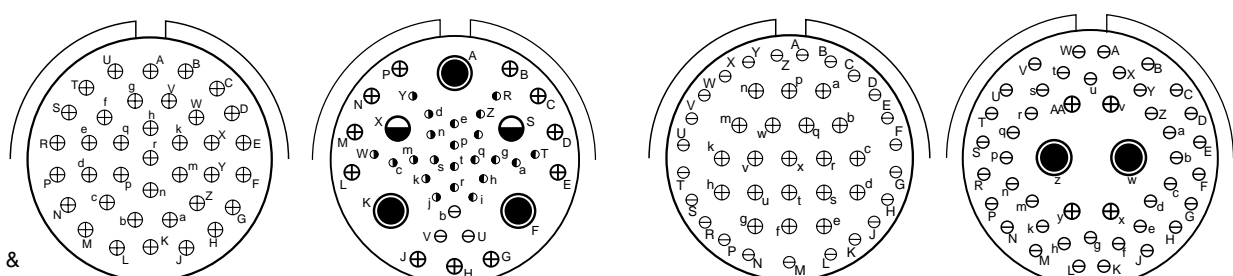
Series II JT	24-19	25-19	25-20
Series I LJT	25-11	25-19	25-20
Series III TV	25-11***	25-17	25-20***
Service Rating	N	I	N
Number of Contacts	2 9	36 6	10 13 3 4
Contact Size	20 10	22D 8 Twinax	12 20 16 8 Twinax 12 Coax

(With Matched Impedance)



Shell Size & Insert Arrg. for:

Series II JT	24-24	24-29	24-35
Series I LJT	25-24	25-29	25-35
Series III TV	25-24	25-26	25-35
Service Rating	I	I	M
Number of Contacts	12 12	16 5 4	29 128
Contact Size	16 12	20 12 8 Coax	16 22D



Shell Size & Insert Arrg. for:

Series II JT	24-37	25-43	25-46
Series I LJT	25-37	25-43	25-46
Series III TV	25-37	25-41	25-46
Service Rating	I	I	I
Number of Contacts	37	22 3 11 2 3	40 4 2
Contact Size	16	22D 20 16 12 Coax 8 Twinax	20 16 8 Coax

† Coax contacts for RG180/U or RG195/U cable.

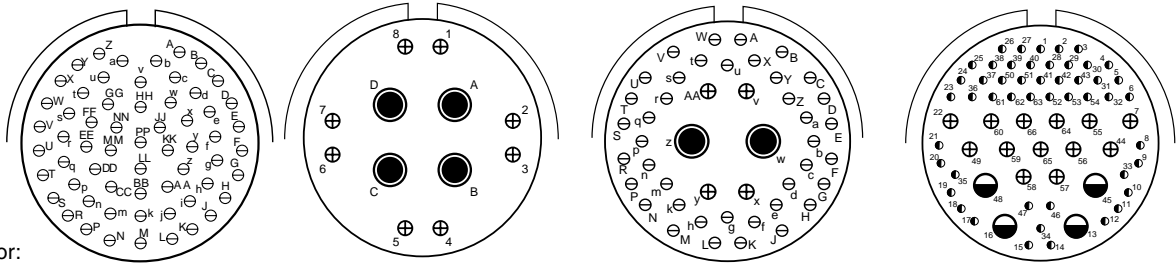


- 38999 SJT III
- 26482 Matrix 2
- 83723 III Pyle Matrix
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EMI Filter Transient
- Fiber Optics
- High Speed Contacts
- Options Others

MIL-DTL-38999, Series I LJT, II JT, III TV Insert Arrangements



Front face of pin inserts illustrated



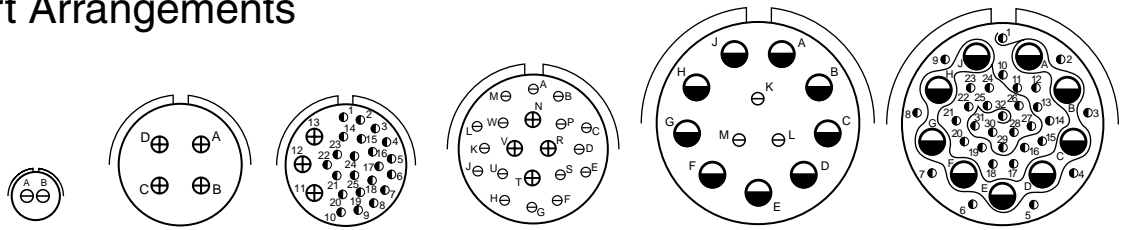
Shell Size & Insert Arr. for:

Series II JT 24-61
Series I LJT 25-61
Series III TV 25-61

	25-62	25-90	25-F4
Service Rating	I	I	Size 22D=M, Balance =I
Number of Contacts	8 4	40 4 2	49 13 4
Contact Size	16 8	20 16 8 Twinax	22D 16 12

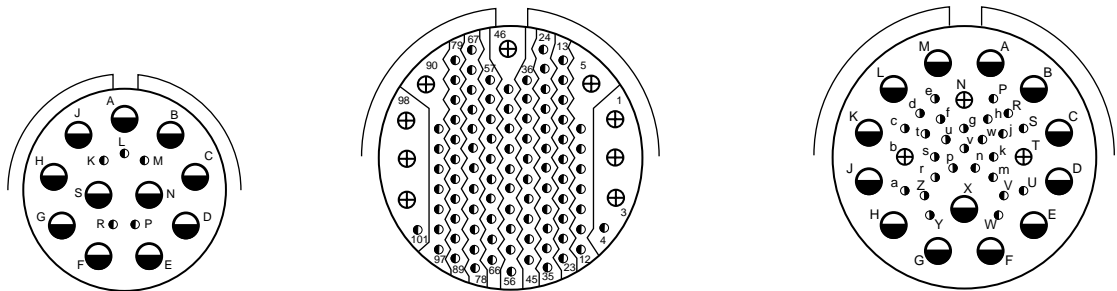
MIL-DTL-38999, Series III TV

Special Insert Arrangements



Shell Size & Insert Arr. for:

Series III TV	9-2	15-4*	15-25	17-20	21-12	21-21
Service Rating	I	II	M	M	I	M/Inst.
Number of Contacts	2	4	22 3	16 4	3 9	32 9
Contact Size	20	16	22D 16	20 16	20 12	22D 12

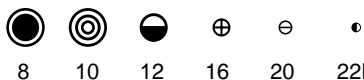


Shell Size & Insert Arr. for:

Series III TV	21-99	25-92	25-97
Service Rating	M	M	M
Number of Contacts	5 11	92 9	26 3 13
Contact Size	22D 12	22D 16	22D 16 12

NOTE: Some specials shown here were formerly known as Pyle arrangements. Consult Amphenol for how to order information for connectors with these inserts. For further information on special arrangements consult Amphenol Aerospace, Sidney NY.

* Pyle 15-4 does not mate with Amphenol Tri-Start 15-4 insert.



CONTACT LEGEND

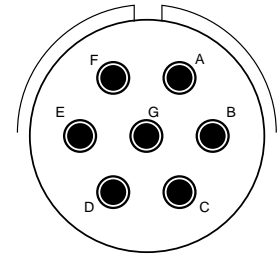
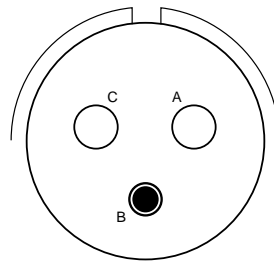
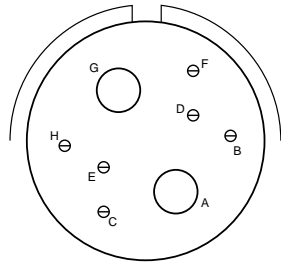
- III 38999
- II I SJT
- 26482 Matrix 2
- 83723 III Matrix Pyle
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EML Filter Transient
- Fiber Optics
- High Speed Contacts
- Options Others

MIL-DTL-38999, Series III TV

Special Insert Arrangements

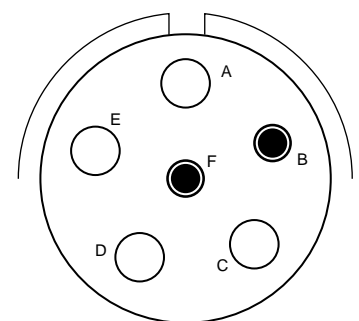
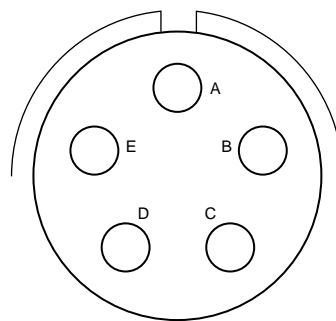
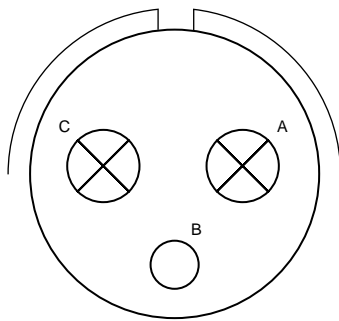
Non-Standard Shells or Large Contacts

Front face of pin inserts illustrated



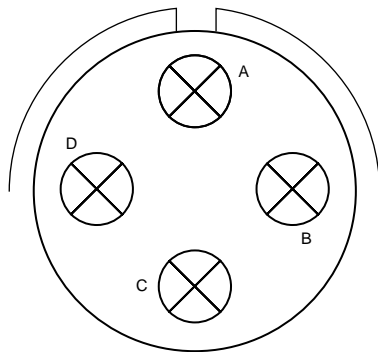
Shell Size &
Insert Arr. for:

Series III TV	25-16	25L-3	25L-7
Service Rating	M	II	II
Number of Contacts	6 2	1 2	7
Contact Size	20 4	8 4	8



Shell Size &
Insert Arr. for:

Series III TV	33-3	33-5	33-6
Service Rating	II	II	II
Number of Contacts	1 2	5	2 4
Contact Size	4 0	4	8 4

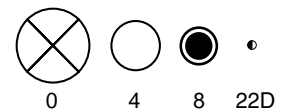


Shell Size &
Insert Arr. for:

Series III TV	37-5
Service Rating	II
Number of Contacts	4
Contact Size	0

NOTE: Some specials shown here were formerly known as Pyle arrangements. Consult Amphenol for how to order information for connectors with these inserts.

Consult Amphenol Aerospace for longer shell drawings.



CONTACT LEGEND

- III
- SJT 38999 I II
- 26482 Matrix 2
- 83723 III Pyle Matrix
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EMI Filter Transient
- Contacts Fiber Optics
- Options Others