

Front face of pin inserts illustrated

**38999**  
SJT

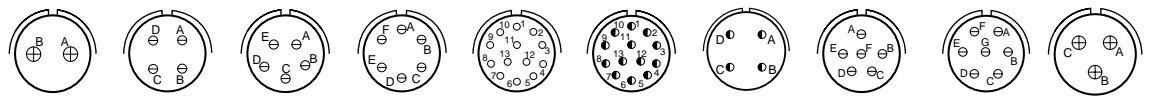
Shell Size & Insert Arrg. for:



<b>Series II JT</b>	8-2	8-3		8-6			8-35	8-44		8-97	8-98
<b>Series I LJT</b>		9-3		9-6	9-7	9-22	9-35	9-44			9-98
<b>Series III TV</b>			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

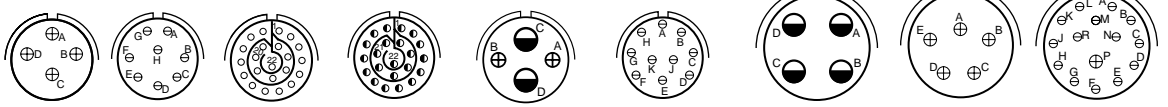
Shell Size & Insert Arrg. for:



<b>Series II JT</b>		10-4	10-5		10-13	10-35		10-98	10-99	12-3
<b>Series I LJT</b>	11-2	11-4	11-5	11-6	11-13	11-35		11-98	11-99	13-3
<b>Series III TV</b>	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

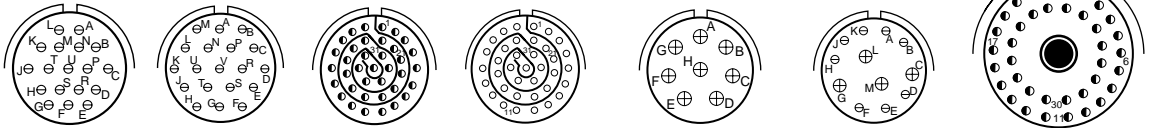
Shell Size & Insert Arrg. for:



<b>Series II JT</b>	12-4	12-8	12-22	12-35		12-98	14-4	14-5	14-15
<b>Series I LJT</b>	13-4	13-8	13-22	13-35		13-98	15-4	15-5	15-15
<b>Series III TV</b>	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	12	20	12	16

**Printed**  
Circuit Board

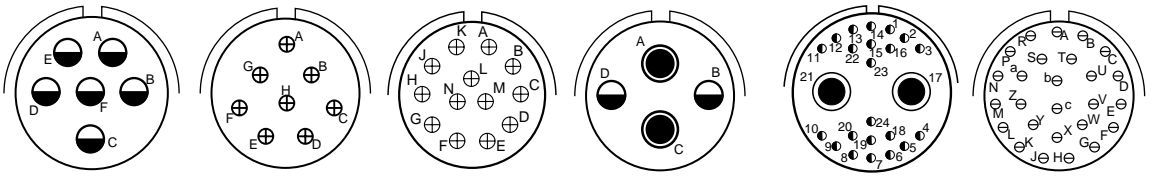
Shell Size & Insert Arrg. for:



<b>Series II JT</b>	14-18	14-19	14-35	14-37	14-68	14-97			
<b>Series I LJT</b>	15-18	15-19	15-35	15-37	15-68	15-97	17-2		
<b>Series III TV</b>	15-18	15-19	15-35			15-97	17-2		
Service Rating	I	I	M	M	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:



<b>Series II JT</b>	16-6	16-8	16-13			16-26
<b>Series I LJT</b>	17-6	17-8	17-13	17-22	17-25	17-26
<b>Series III TV</b>	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
						8 Coax
						20

**High Speed**  
Contacts

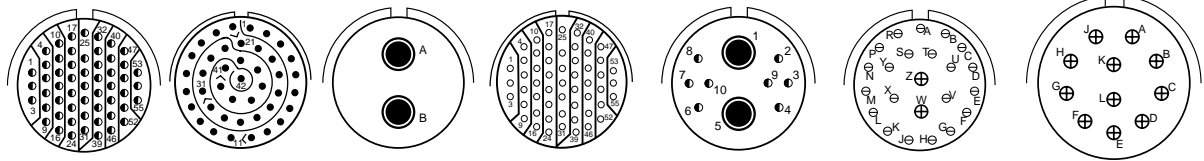
**Options**  
Others



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

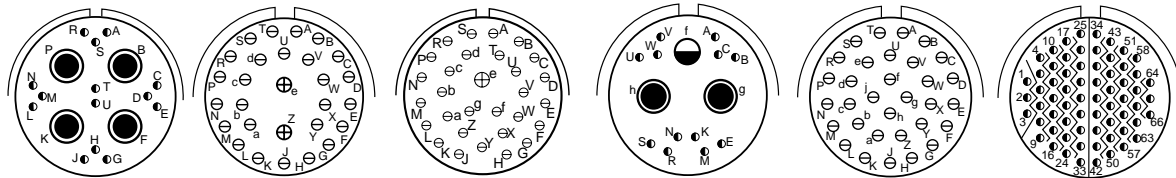


Front face of pin inserts illustrated



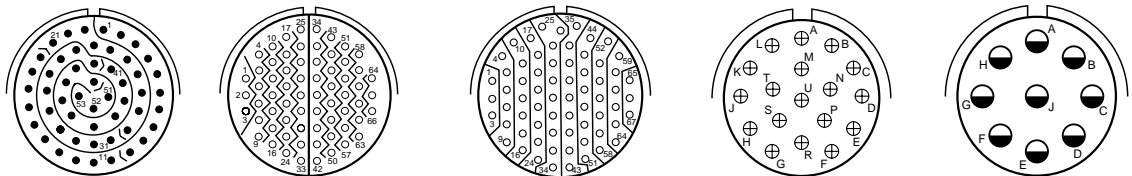
Shell Size & Insert Arrg. for:

<b>Series II JT</b>	16-35	16-42	16-55	16-99	18-11
<b>Series I LJT</b>	17-35	17-42	17-55	17-99	19-11
<b>Series III TV</b>	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



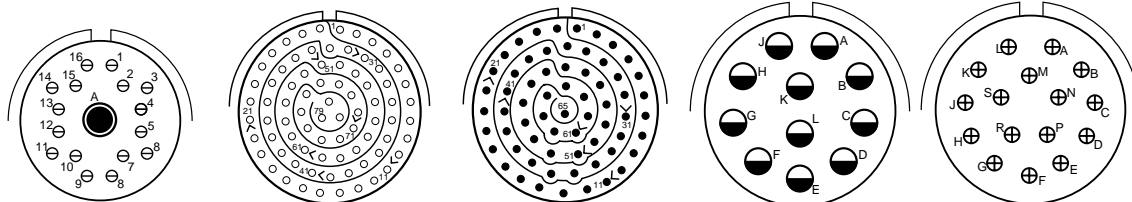
Shell Size & Insert Arrg. for:

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



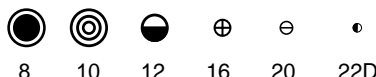
Shell Size & Insert Arrg. for:

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



Shell Size & Insert Arrg. for:

<b>Series II JT</b>	20-1	20-2	20-11	20-16
<b>Series I LJT</b>	21-1	21-2	21-11	21-16
<b>Series III TV</b>	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 SJT
- I
- 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

Front face of pin inserts illustrated

38999  
SJT

26482  
Matrix 2

83723 III  
Matrix Pyle

5015  
Crimp Rear Release Matrix

26500 Pyle

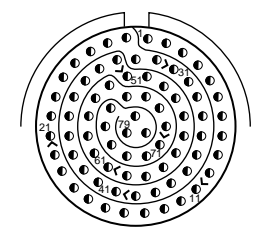
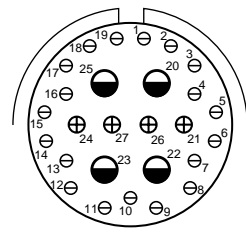
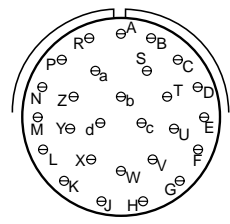
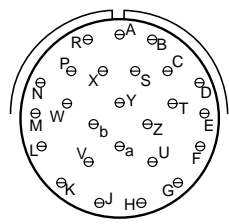
Printed  
Circuit Board

EMI Filter  
Transient

Fiber Optics

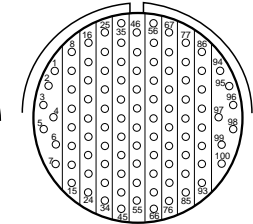
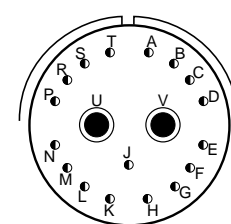
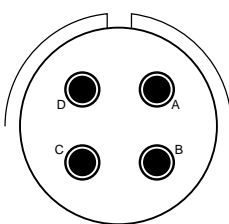
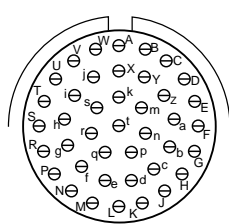
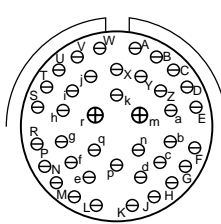
High Speed  
Contacts

Options  
Others



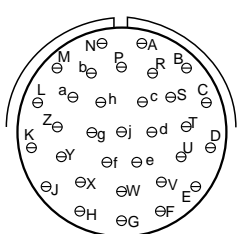
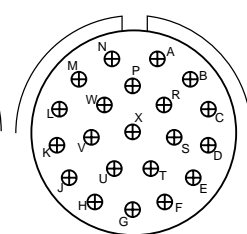
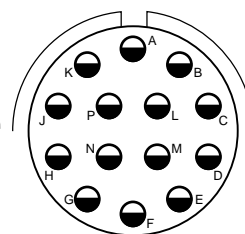
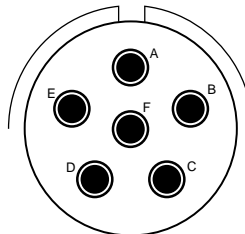
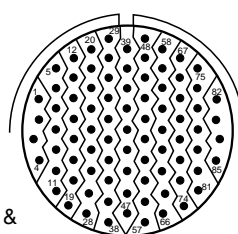
Shell Size & Insert Arrg. for:

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



Shell Size & Insert Arrg. for:

<b>Series II JT</b>	<b>20-39</b>	<b>20-41</b>			<b>22-1</b>
<b>Series I LJT</b>	<b>21-39</b>	<b>21-41</b>	<b>21-75</b>	<b>21-79</b>	<b>23-1</b>
<b>Series III TV</b>	<b>21-39</b>	<b>21-41</b>	<b>21-75</b>	<b>21-79</b>	
Service Rating	I	I	N	II	M
Number of Contacts	37 2	41	4	17 (See Note)	100
Contact Size	20 16	20	(See Note)	22D	22M



Shell Size & Insert Arrg. for:

<b>Series II JT</b>	<b>22-2</b>		<b>22-14</b>	<b>22-21</b>	<b>22-32</b>
<b>Series I LJT</b>	<b>23-2</b>	<b>23-6</b>	<b>23-14</b>	<b>23-21</b>	<b>23-32</b>
<b>Series III TV</b>		<b>23-6</b>	<b>23-14</b>	<b>23-21</b>	
Service Rating	M	M	I	II	I
Number of Contacts	85	6	14	21	32
Contact Size	22	8 Twinax	12	16	20

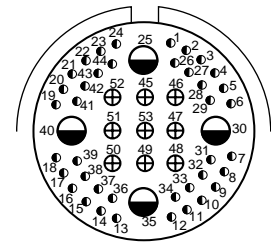
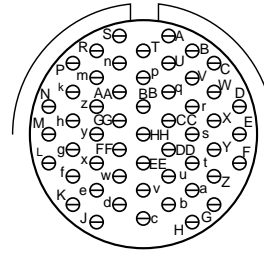
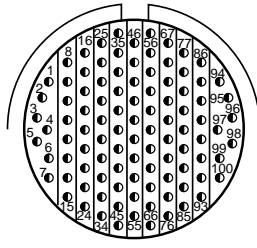
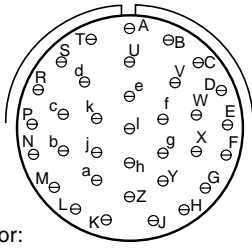
**Note:** MS connector 21-75 is supplied with four size 8 twinax contacts. Commercial connector 21-75 is supplied with four size 8 coax contacts. MS connector 21-79 has provision for two size 8 coax contacts. Coax contacts are not supplied unless specified by customers.



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

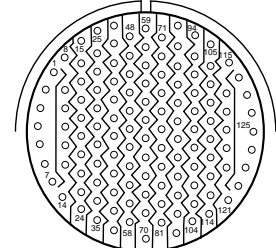
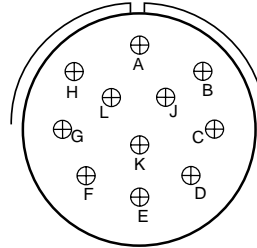
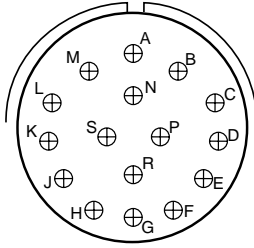
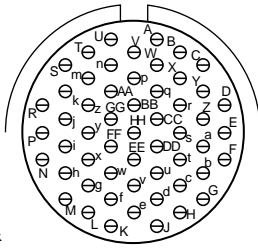


Front face of pin inserts illustrated



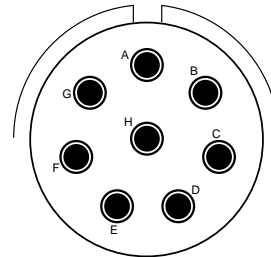
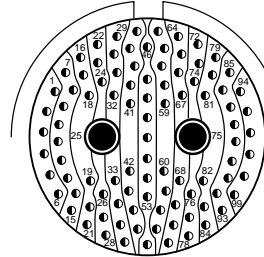
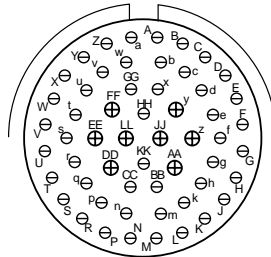
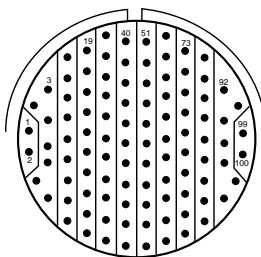
Shell Size & Insert Arrg. for:

<b>Series II JT</b>		<b>22-35</b>		<b>22-53</b>	
<b>Series I LJT</b>	<b>23-34</b>	<b>23-35</b>		<b>23-53</b>	
<b>Series III TV</b>		<b>23-35</b>		<b>23-53</b>	<b>23-54</b>
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:

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



Shell Size & Insert Arrg. for:

<b>Series II JT</b>	<b>24-2</b>	<b>24-4</b>		<b>25-7</b>	
<b>Series I LJT</b>	<b>25-2</b>	<b>25-4</b>		<b>25-7</b>	
<b>Series III TV</b>		<b>25-4</b>		<b>25-7</b>	<b>25-8</b>
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

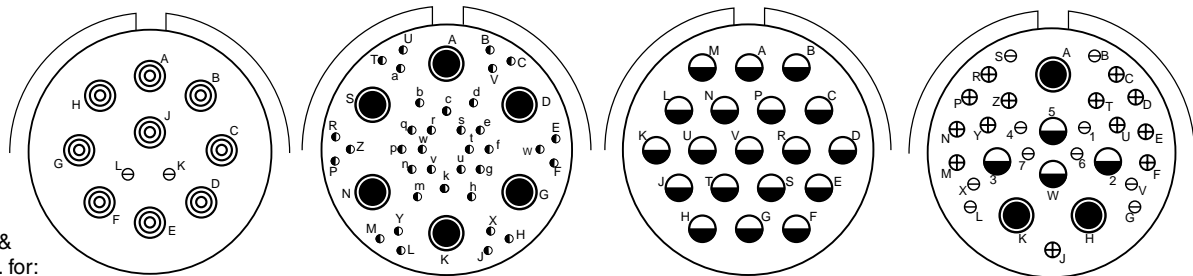
\*\*\* For use in MIL-STD-1760 applications (see pages 40 and 41).



CONTACT LEGEND 8 10 12 16 20 22D

- III 38999 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

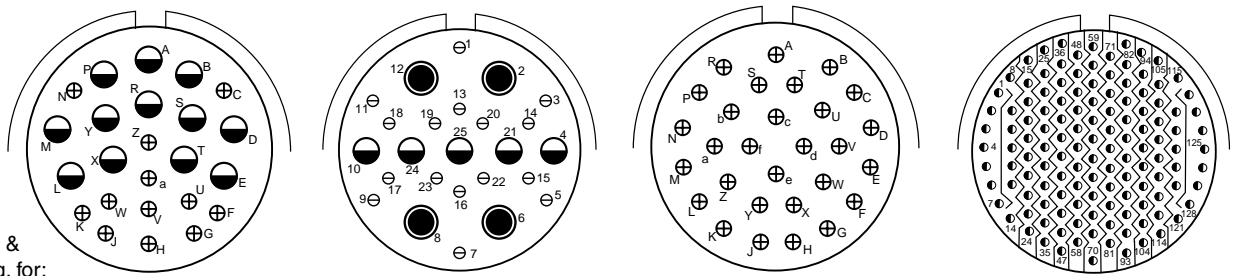
Front face of pin inserts illustrated



Shell Size & Insert Arrg. for:

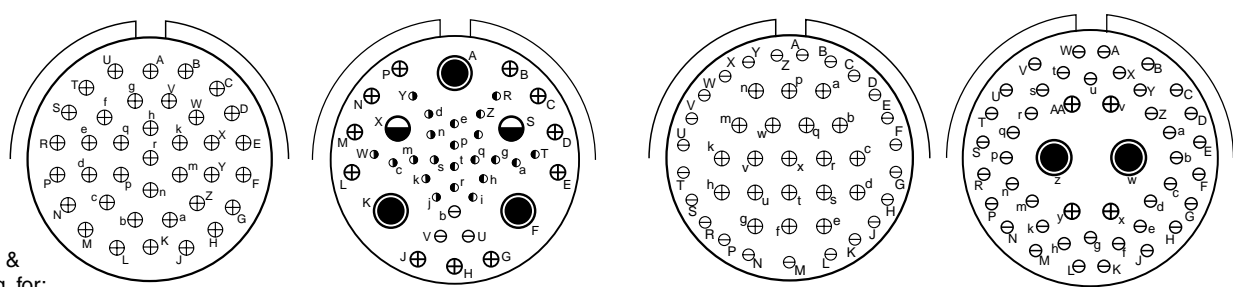
Series II JT	24-19	25-19	25-20
Series I LJT	25-11	25-19	25-20
Series III TV	25-11***	25-17	25-20***
Service Rating	N	I	N
Number of Contacts	2 9	36 6	10 13 3 4
Contact Size	20 10	22D 8 Twinax	12 20 16 8 Twinax 12 Coax

(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