

# DEUTSCH DJT SERIES CONNECTORS FOR MIL-DTL-38999 SERIES I

RUGGED, HARSH ENVIRONMENT  
SUBMINIATURE CONNECTORS

## QUICK REFERENCE GUIDE

### Wide Range

- Mil spec and commercial
- Range of finishes

### High Performance

- Environmentally sealed

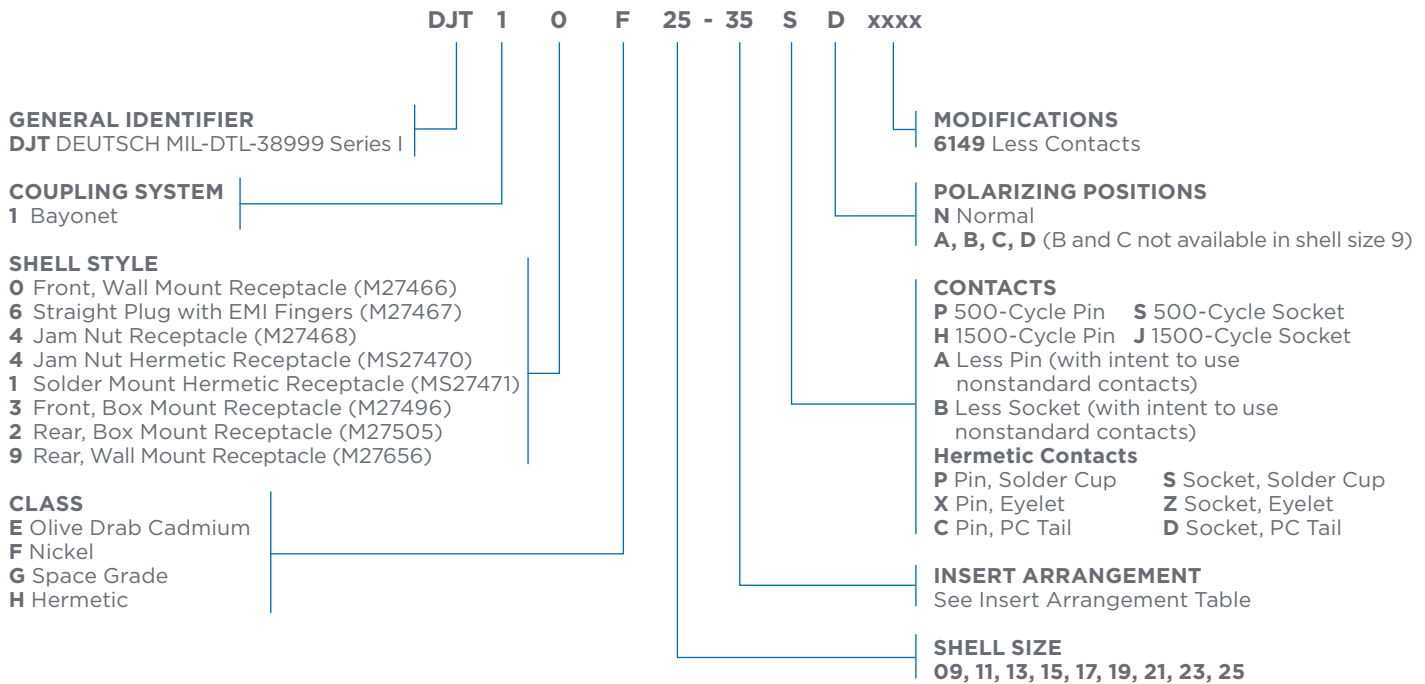
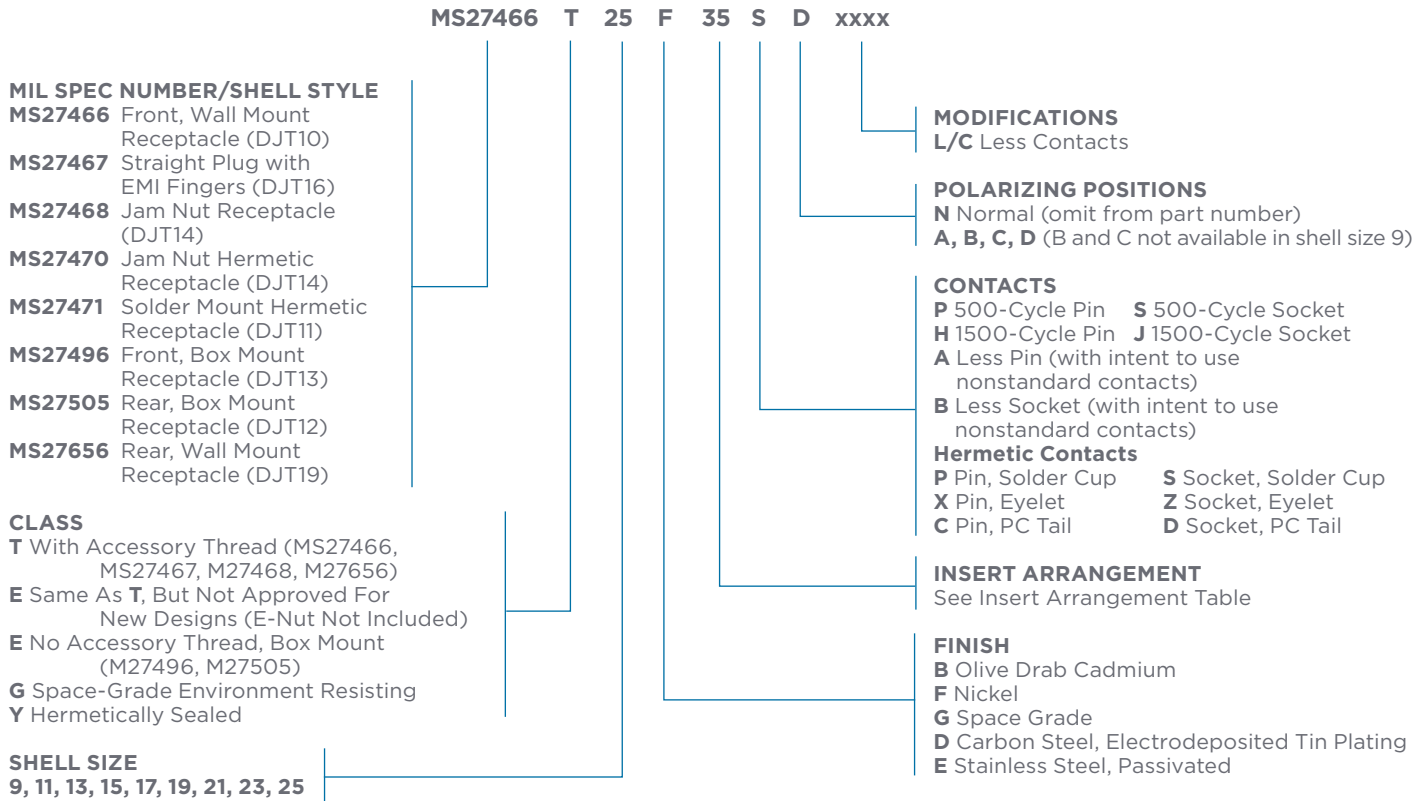
## MIL-DTL-38999 Series I Connectors

<b>Coupling Mechanism</b>	Bayonet, 1/3 Turn
<b>Shell Materials</b>	Aluminum
<b>Features</b>	Scoop proof Environmentally sealed Hermetic versions Filter versions Plugs with spring fingers for EMI control
<b>Shell Platings</b>	Olive drab cadmium Electroless nickel Carbon steel, electrodeposited tin plating Stainless steel, passivated
<b>Contact Sizes</b>	22, 20, 16, 12, 10, 8
<b>Shell Sizes</b>	9, 11, 13, 15, 17, 19, 21, 23, 25
<b>No. of Signal Contacts, Max.</b>	128
<b>Contact Type</b>	AS39029
<b>Contact Styles</b>	Crimp Solder cup or eyelet PCB tail
<b>Operating Temperatures</b>	-65°C to +150°C - Electrodeposited tin-plated carbon steel (Class D) -65°C to +175°C - Cadmium finish (Class B) -65°C to +200°C - Nickel finish (Class F) and stainless steel (Class E)
<b>Durability (Mating Cycles)</b>	500
<b>Standard Configurations</b>	
<b>Plugs</b>	Straight, with EMI spring fingers (M27467)
<b>Receptacles</b>	Front, wall mount (M27466) Jam nut (M27468) Front, box mount (M27496) Rear, box mount (M27505) Rear, wall mount (M27656) Jam nut hermetic receptacle (MS27470) Solder mount hermetic receptacle (MS27471)

**TE Components . . . TE Technology . . . TE Know-how . . .**  
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SEACON Phoenix | L.L. Rowe | Phoenix Optix | AFP | SEACON

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## DEUTSCH 38999 Series I Connectors



# Insert Arrangements



Insert	Contact Size/Quantity											QP_L Hermetic	QP_L	22D	Uses 38999/62-8* Boots	Inactive: Superseded by
	DJT and Military	8 Twinax	8 Coax	8 Power	12 Twinax	12 Coax	10	12	16	20	22D					
09-07											7					
09-35											6	✓	✓			
09-98									3			✓	✓			
11-02								2				✓	✓			
11-04									4			✓	✓			
11-05									5			✓	✓			
11-35											13	✓	✓			
11-98									6			✓	✓			
11-99									7			✓	✓			
13-04								4				✓	✓			
13-08									8			✓	✓			
13-35											22	✓	✓			
13-98									10			✓	✓			
15-05								5				✓	✓			
15-15								1	14				✓			
15-18									18				✓			
15-19									19			✓	✓			
15-26								2		24						
15-35										37		✓	✓			
15-97								4	8			✓	✓			
17-02	1									38						17-03
17-03	1									38				✓		
17-06							6					✓				
17-08								8				✓				
17-11				2	1				8							
17-19								4	11	4						
17-20							4			16						
17-22	2						2									
17-24			2							22						
17-26									26			✓				
17-35										55		✓				
17-99								2	21			✓				
19-11								11				✓				
19-18	4									14						19-19
19-19	4									14				✓		
19-28								2	26							
19-32									32			✓				



Insert	Contact Size/Quantity											QPL	QPL Hermetic	Uses 38999/62-8* Boots	Inactive: Superseded by
DJT and Military	8 Twinax	8 Coax	8 Power	12 Twinax	12 Coax	10	12	16	20	22D					
19-35										66	✓				
21-11							11				✓				
21-16								16			✓				
21-20	2								18						
21-35										79	✓				
21-39								2	37		✓				
21-41									41		✓				
21-48			4												
21-75	4													21-76	
21-76	4												✓		
23-06	6														
23-21								21			✓				
23-35										100	✓				
23-53									53		✓				
23-54							4	9	40						
23-55									55		✓				
23-63							4	4	49						
25-04								8	48		✓	✓			
25-07	2									97				25-09	
25-08	8													25-10	
25-09	2									97			✓		
25-10	8												✓		
25-17	6									36					
25-19							19				✓	✓			
25-20	3				4			13	10					25-21	
25-21	3				4			13	10				✓		
25-24							12	12			✓	✓			
25-29								29			✓	✓			
25-35										128	✓	✓			
25-37								37			✓	✓			
25-43								20	23		✓	✓			
25-46		2						4	40					25-47	
25-47		2						4	40				✓		
25-61									61		✓	✓			
25-90	2							4	40					25-91	
25-91	2							4	40				✓		

Blue shaded entries are not Mil Spec.

## LET'S CONNECT

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1-1773870-8 10/16