

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

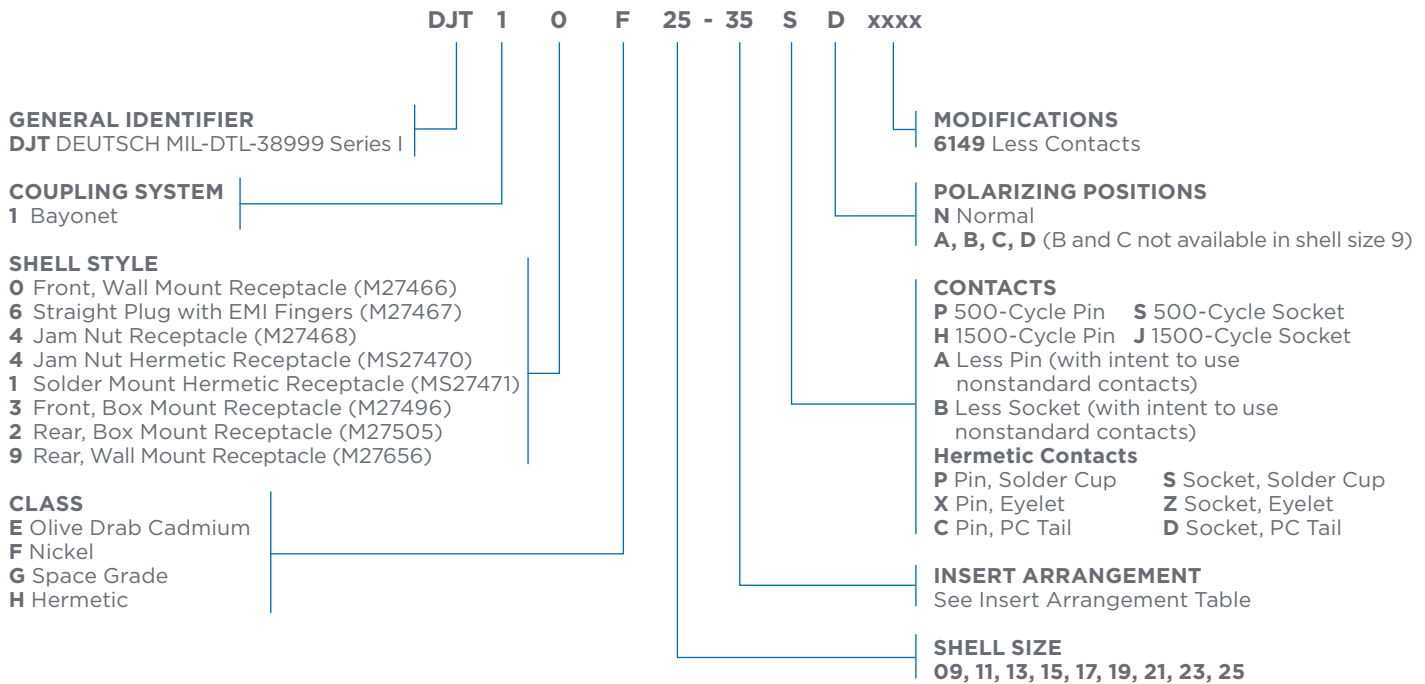
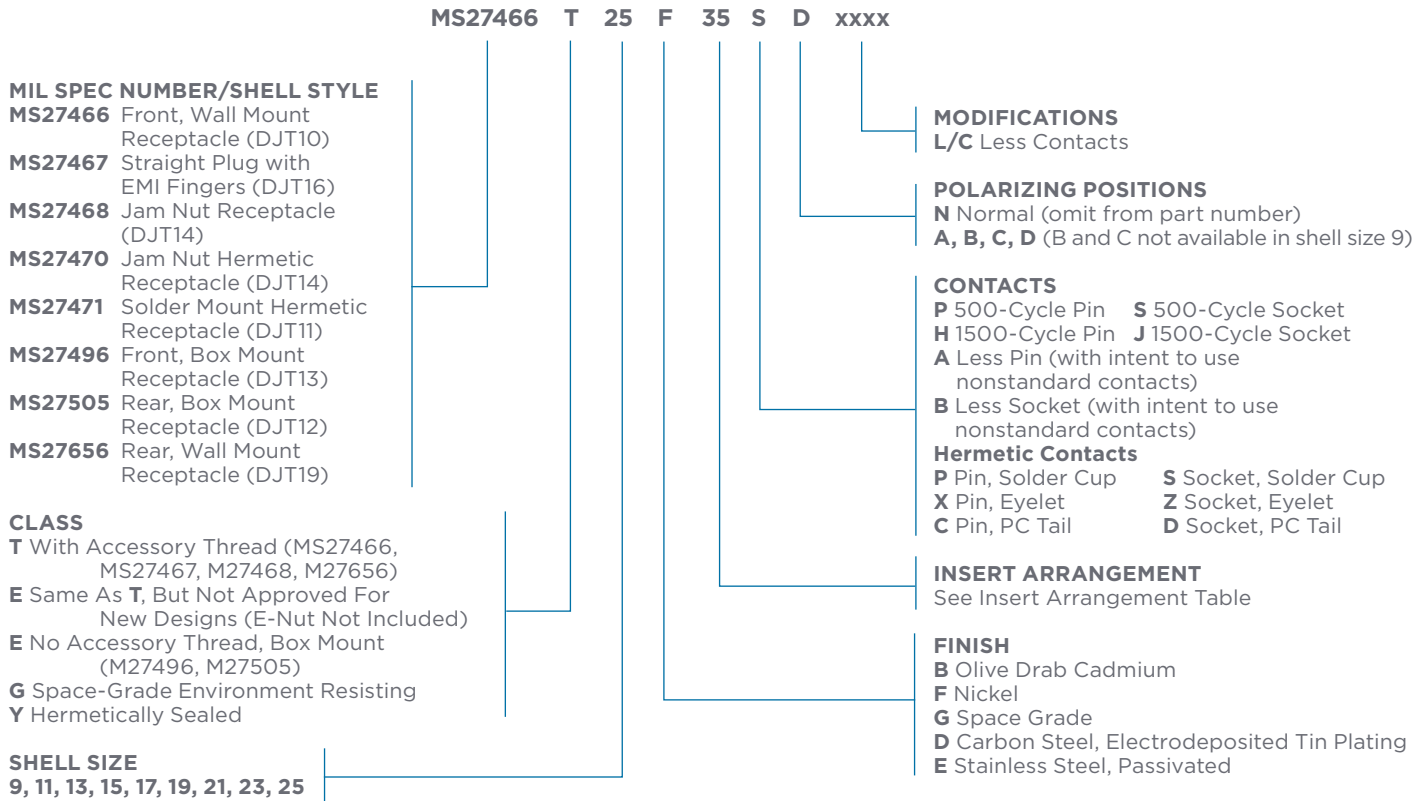
MIL-DTL-38999 Series I Connectors

Coupling Mechanism	Bayonet, 1/3 Turn
Shell Materials	Aluminum
Features	Scoop proof Environmentally sealed Hermetic versions Filter versions Plugs with spring fingers for EMI control
Shell Platings	Olive drab cadmium Electroless nickel Carbon steel, electrodeposited tin plating Stainless steel, passivated
Contact Sizes	22, 20, 16, 12, 10, 8
Shell Sizes	9, 11, 13, 15, 17, 19, 21, 23, 25
No. of Signal Contacts, Max.	128
Contact Type	AS39029
Contact Styles	Crimp Solder cup or eyelet PCB tail
Operating Temperatures	-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)
Durability (Mating Cycles)	500
Standard Configurations	
Plugs	Straight, with EMI spring fingers (M27467)
Receptacles	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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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Insert	Contact Size/Quantity											QP_L Hermetic	QP_L	22D	Uses 38999/62-8* Boots	Inactive: Superseded by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.

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