

RJFTV

MAIN CHARACTERISTICS

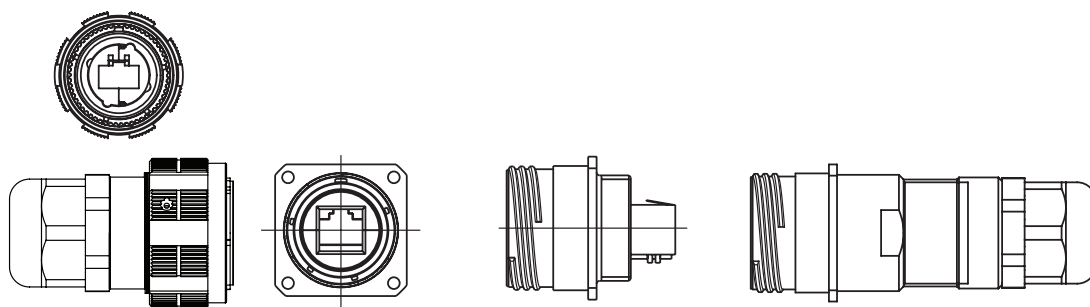
- Sealed against fluids and dusts (IP68)
- Shock, vibration and traction-resistant
- No cabling operation in-field and no tools required
- Mechanical coding / polarization (4 positions)
- Improved EMI-protection
- Tri-Start thread coupling mechanism (MIL-DTL-38999 series III-type) with anti-decoupling device
- Robust metallic shells
- RJ45 cordset retention in the plug: 100 N in the axis
- Mating cycles: 500 min.
- Compatible with cable diameters from 0.236 in. (6 mm) to 0.512 in. (13.0 mm)

ENVIRONMENTAL PROTECTION

- Sealing: IP68
- Salt Spray: 48-hour with aluminum shell - nickel-plating > 500-hour with aluminum shell - olive drab cadmium plating; 1000-hour with marine bronze shell
- Fire-retardant/low-smoke: UL94 V0 and NF F 16 101 & 16 102
- Vibrations: 10 – 500 Hz, 10 g, 3 axes: no discontinuity > 10 nanos.
- Compounded versions tested per NAS 1599 (5-3000 Hz, 20g, 12h)
- Shocks: IK06; weight of 250 g drop from 40 cm [15.75 in] onto connectors (mated pair)
- Humidity: 21 days, 109.4°F (43°C), 98% humidity
- Thermal shock: 5 cycles at -40°F to +212°F (-40°C to +100°C)
- Operating temperature: -40°F to +185°F (-40°C to +85°C)

DATA TRANSMISSION

10 Base-T, 100 Base-TX, and 1000 Base-T networks
Cat5e per TIA/EIA 568B and Class D per ISO/IEC 11801

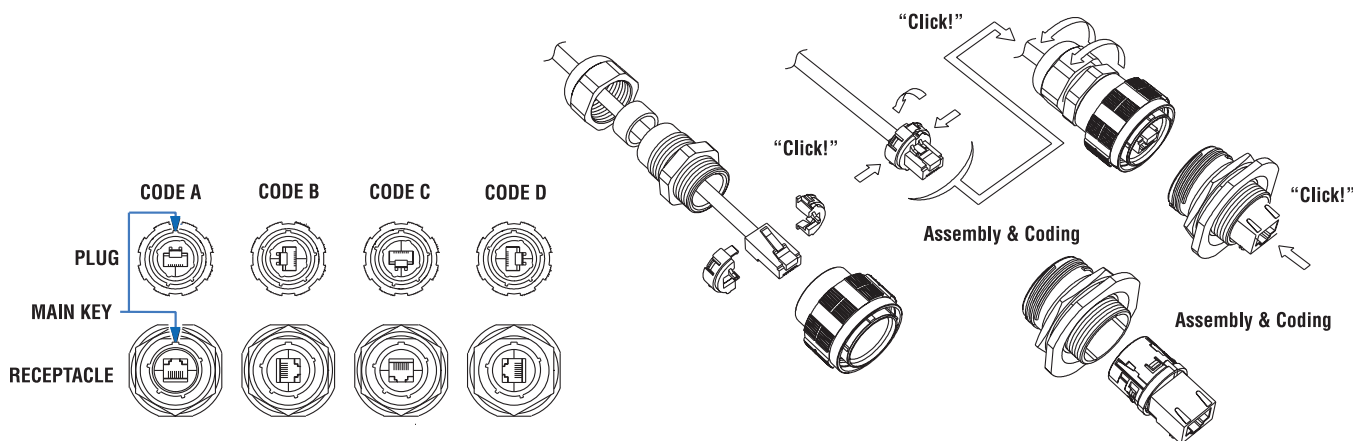


PLATING	PLUG		RECEPTACLES				
	CABLE GLANDS PLASTIC	METAL	STANDARD BOX MOUNT	CORDSET BOX MOUNT	RIGHT ANGLE FEMALE RJ45	CABLE GLANDS PLASTIC	METAL
MARINE BRONZE	RJFTV6BZ	RJFTV6MBZ	RJFTV21BZ	RJFTV22BZ**100BTX	RJFTV21RABZ	RJFTV2PE1BZ	RJFTV2PEM1BZ
NICKEL	RJFTV6N	RJFTV6MN	RJFTV21N	RJFTV22N**100BTX	RJFTV21RAN	RJFTV2PE1N	RJFTV2PEM1N
OLIVE DRAB CADMIUM	RJFTV6G	RJFTV6MG	RJFTV21G	RJFTV22G**100BTX	RJFTV21RAG	RJFTV2PE1G	RJFTV2PEM1G

** Select for Cordset Length 03 = 11.81 (0.30M) 05 = 19.68 (0.50M) 10 = 39.37 (1.00M) 15 = 59.05 (1.50M)

BOLD = Stocked Items

ASSEMBLY INSTRUCTIONS



All dimensions in inches (millimeters in parenthesis)

RJFTV TRANSVERSALLY-SEALED



PLATING	RECEPTACLE			JAM NUT RECEPTACLE		
	STANDARD SEALED BOX MOUNT	CORDSET SEALED BOX MOUNT	RIGHT ANGLE SEALED FEMALE RJ45	STANDARD SEALED JAM NUT	CORDSET SEALED JAM NUT	RIGHT ANGLE SEALED FEMALE RJ45
Marine Bronze	RJFTV2S*1BZ	RJFTV2S*2B**100BZTX	RJFTV2S*1RABZ	RJFTV7S*1BZ	RJFTV7S*2B**100BZTX	RJFTV7S*1RABZ
Nickel	RJFTV2S*1N	RJFTV2S*2N**100BTX	RJFTV2S*1RAN	RJFTV7S*1N	RJFTV7S*2N**100BTX	RJFTV7S*1RAN
Olive Drab Cadmium	RJFTV2S*1G	RJFTV2S*2G**100BTX	RJFTV2S*1RAG	RJFTV7S*1G	RJFTV7S*2G**100BTX	RJFTV7S*1RAG

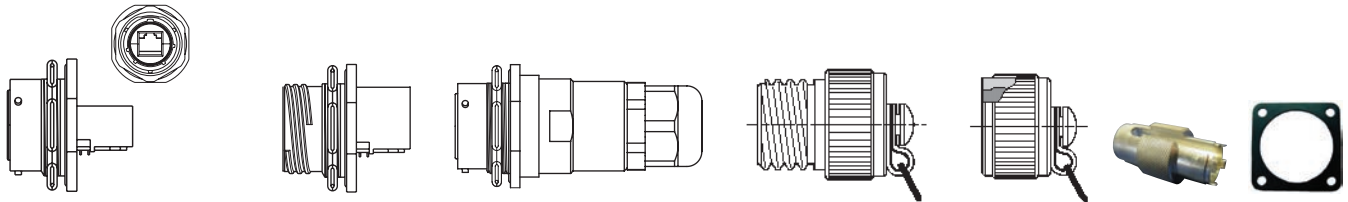
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RJFTV HERMETIC SEALED



PLATING	RECEPTACLE			JAM NUT RECEPTACLE		
	STANDARD HERMETIC BOX MOUNT	CORDSET HERMETIC BOX MOUNT	RIGHT ANGLE HERMETIC FEMALE RJ45	STANDARD HERMETIC JAM NUT	CORDSET HERMETIC JAM NUT	RIGHT ANGLE HERMETIC FEMALE RJ45
Marine Bronze	RJFTV2H*1BZ	RJFTV2H*2B**100BTX	RJFTV2H*1RABZ	RJFTV7H*1BZ	RJFTV7H*2B**100BTX	RJFTV7H*1RABZ
Nickel	RJFTV2H*1N	RJFTV2H*2N**100BTX	RJFTV2H*1RAN	RJFTV7H*1N	RJFTV7H*2N**100BTX	RJFTV7H*1RAN
Olive Drab Cadmium	RJFTV2H*1G	RJFTV2H*2G**100BTX	RJFTV2H*1RAG	RJFTV7H*1G	RJFTV7H*2G**100BTX	RJFTV7H*1RAG

* Coding A, B, C, D ** Select for Cordset Length 03 = 11.81 (0.30M) 05 = 19.68 (0.50M) 10 = 39.37 (1.00M) 15 = 59.05 (1.50M)



PLATING	JAM NUT RECEPTACLE			ACCESSORIES							
	STANDARD JAM NUT	CORDSET JAM NUT	RIGHT ANGLE FEMALE 45	CABLE GLAND		DUST CAP			SELF CLOSING CAP ONLY FOR RJFTV2***	INSERT REMOVAL TOOL	FLANGE GASKET
				PLASTIC	METAL	PLUG	BOX MOUNT	JAM NUT			
Marine Bronze	RJF71BZ	RJF72BZ**100BTX	RJF71RABZ	RJFPE1BZ	RJF7PEM1BZ	RJFC6BZ	RJFC2BZ	RJFC7BZ	-	RJFODE	JE19
Nickel	RJF71N	RJF72N**100BTX	RJF71RAN	RJFPE1N	RJF7PEM1N	RJFC6N	RJFC2N	RJFC7N	RJFTVSCCN		
Olive Drab Cadmium	RJF71G	RJF72G**100BTX	RJF71RAG	RJFPE1G	RJF7PEM1G	RJFC6G	RJFC2G	RJFC7G	RJFTVSCCG		

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SPECIALS



PLATING	THROUGH BULKHEAD RECEPTACLE		STAND-OFF RECEPTACLE	
	NON METALLIZED INSERTS	METALLIZED INSERTS	SQUARE FLANGE	JAM NUT
Nickel	RJFTVB2NISOBTRUT	RJFTVB2NISONI	RJFTV2S*5NF459	RJFTV7S*5NF459
Olive Drab Cadmium	RJFTVB2GISOBTRUT	RJFTVB2GISONI	RJFTV2S*5GF459	RJFTV7S*5GNF459

* Coding A, B, C, D

All dimensions in inches (millimeters in parenthesis)