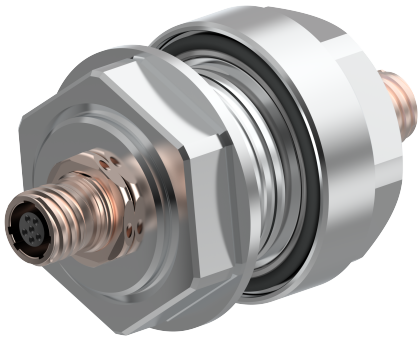


Data line protector for circular MIL connector D38999

3414.99.0024

Properties

- Coarse and fine protection
- All lines protected
- Maintenance free
- Conform to Category 4 in channel C
- 16 Mbps



Product configuration	
Main path connectors	Port 1: unprotected, D38999/24FA35SN Port 2: protected, D38999/24FA35SN
Mounting and grounding	MH181 (bulkhead mounting)
Side of bulkhead	protected side
Interface and material data	
Housing material / plating	Aluminium
Electrical data	
Impedance	100 Ω
Frequency frame	0 MHz to 20 MHz
Operating voltage U_C	max. 57 V , pair to pair
Operating voltage U_C	6 V , line to line
Nominal current I_L	1 A, per pair
Nominal discharge current I_n	100 A, (test pulse 8/20 μs), line to line
Nominal discharge current I_n	2.5 kA, (test pulse 8/20 μs), line to ground
Voltage protection level U_p	typ. 700 V, (test pulse 4 kV 1.2/50; 2 kA 8/20 μs), line to ground
Electrical remarks	
Electrical remarks	PIN 1 & 2, pair 1 PIN 3 & 6, pair 2 PIN 4, ground PIN 5, unused
Mechanical data	
Weight	280 g

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Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP68
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. A
Moisture resistance according	MIL-STD-202, Method 106

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85025028	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Comment	
	Accessory 9073.99.0005, protective cap for D38999/24F interface

Ordering Information Table	
Item number	Item description
85025028	3414.99.0024

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