

Fuel Injector Connector

DESCRIPTION

A 2 way 1.5 female YESC for various fuel injector types with flexibility to be used for other applications.

FEATURES

- Sealed 1.5 mm YESC terminals
- USCAR class III (-40°C - 125°C)
- Pre-set TPA
- With and without cut-out
- For direct connection (only female available)
- Specific version available with CPA, without CPA or CPA capable (optional)

SPECIFICATIONS

Material	Connector	HPA & PBT + GF
	Male Terminal	Copper Alloy (Sn Plate)
	Female Terminal	Copper Alloy (Sn Plate)
Operating Temperature Range		-40°C ~ 125°C (145°C max temp.) (USCAR Class III)
Isolation Resistance		500VDC, 20 MO Min
Dielectric Resistance		1000VAC (1 min.)
Applicable Wire Size		22AWG ~ 16AWG (0.35mm ² ~ 1.0mm ²)
Terminal Pitch		Horizontal: 5.50mm; Vertical: N/A
Sealing Performance (Air Leak Pressure)		48kPa Min (Pre-Heat Soak); 28kPa (Post-Heat Soak)
Terminal-to-Connector Retention Force		90N Min
Connector-to-Connector Retention Force		110N Min



Pole	Color / Description	Male Part #	Female Part #
2	Black 1.5 mm	N/A	7283-7430-30
2	Black 1.5 mm	N/A	7283-6647-30
2	Black 1.5 mm	N/A	7283-8492-30
2	Black 1.5 mm	N/A	7283-5967-30

TERMINALS

Description	Part Number	Plating	Applicable Wire Size		
			Europe (mm ²)	U.S.A. (AWG)	Japan (mm ²)
1.5mm	7116-4102-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7116-4103-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	7116-4102-08	Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7116-4103-08	Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25

STATUS

In production

For more information, contact info@us.yazaki.com