

Sealed YESC 0.64 x 0.64

SPECIFICATIONS

Material	Connector	PBT + GF
	Male Terminal	Copper Alloy (Sn/Au Plate)
	Female Terminal	Copper Alloy (Sn/Au Plate)
Operating Temperature Range		-40° C ~ 100° C (120°C max temp.) (USCAR Class III)
Voltage Drop		20m? <Max (Term./Term.) (Crimp-To-Crimp)
Isolation resistance		500VDC, 20M? Min
Dielectric Resistance		1000VAC (1 min.)
Applicable Wire Size		22AWG ~ 18AWG (0.22mm ² ~ 0.76mm ²)
Terminal Pitch		Horizontal: 2.54mm; Vertical 2.54mm
Sealing Performance (Air Leak Pressure)		48kPa Min (Pre-Heat Soak); 28kPa (Post-Heat Soak)
Terminal-to-Connector Retention Force		75N Min
Connector-to-Connector Retention Force		110N Min

Part Number Summary Chart

Part Name	Male	Female
Terminal	7114-4720-02	7116-4720-02
	7114-4721-02	7116-4721-02
	7116-4721-08	7116-4720-08
	7116-4721-08	7116-4721-08
Applicable Clip	7047-9580 (Ref)	N/A

Pole	Polarity	Color	Male Part #	Female Part #	Female Part # (w/CPA)
2	A	Black	7282-6075-30	7283-6078-30	7283-6076-30



Terminal

Description	Part Number	Plating	Applicable Wire Size		
			Europe (mm ²)	U.S.A. (AWG)	Japan (mm ²)
Male Terminal	7114-4720-02	Sn	0.35	22	0.3
	7114-4721-02	Sn	0.5 ~ 0.75	20 ~ 18	0.5 ~ 0.85
	7114-4720-08	Au	0.35	22	0.3
	7114-4721-08	Au	0.5 ~ 0.75	20 ~ 18	0.5 ~ 0.85
Female Terminal	7116-4720-02	Sn	0.35	22	0.3
	7116-4721-02	Sn	0.5 ~ 0.75	20 ~ 18	0.5 ~ 0.85
	7116-4720-08	Au	0.35	22	0.3
	7116-4721-08	Au	0.5 ~ 0.75	20 ~ 18	0.5 ~ 0.85

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

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