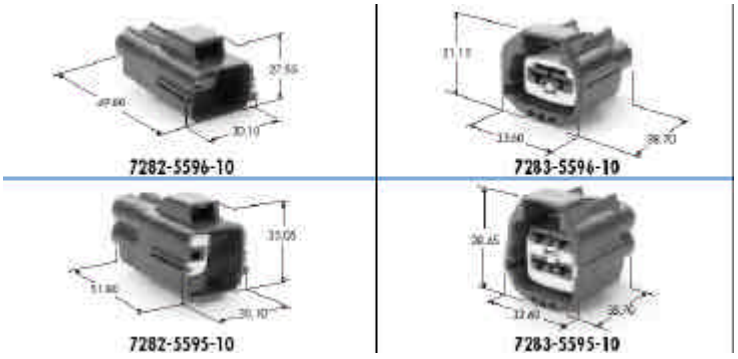
Sealed YESC 6.3 x 0.8

SPECIFICATIONS

Material	Connector	HPA
	Male Terminal	Copper Alloy (Sn/Au Plate)
	Female Terminal	Copper Alloy (Sn/Au Plate)
Operating Temperature Range		-40° C ~ 125° C (145°C max temp.) (USCAR Class III)
Voltage Drop		10m? <Max (Term./Term.) (Crimp-To-Crimp)
Isolation resistance		500VDC, 20M? Min
Dielectric Resistance		1000VAC (1 min.)
Applicable Wire Size		20AWG ~ 12AWG (0.50mm^2 ~ 4.0mm^2)
Terminal Pitch		Horizontal: 9.80mm; Vertical 9.80mm
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

Terminal

Description	Part Number	Plating	Applicable Wire Size		
			Europe (mm^2)	U.S.A. (AWG)	Japan (mm^2)
Male Terminal	7114-4140-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
	7114-4141-02	Sn	1.5 ~ 2.5	14	2.0
	7114-4142-02	Sn	4.0	12	3.0
Female Terminal	7116-4140-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
	7116-4141-02	Sn	1.5 ~ 2.5	14	2.0
	7116-4142-02	Sn	4.0	12	3.0



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Part Number Summary Chart

Part Name	Male	Female
Terminal	7114-4140-02	7116-4140-02
	7114-4141-02	7116-4141-02
	7114-4142-02	7116-4142-02
Cable Seal	7158-3081-50	
	7158-3082-90	
	7158-3083	
	7158-3084-40	
Unused Cavity Plug	7158-3080-60	
Applicable Clip	N/A	7047-9580 (Ref)

Pole	Polarity	Color Description	Male Part #	Female Part #	Female Part # (w/CPA)	Delete Cap
2	A	Dark Grey	7282-5596-10	7283-5596-10	7283-5928-10	7283-6464-10
2	A	Dark Grey				7283-6476-10
4	A	Dark Grey	7282-5595-10	7283-5595-10	7283-5929-10	

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

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