

## 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		10mV <Max (Term./Term.) (Crimp-To-Crimp)
Isolation resistance		500VDC, 20MΩ Min
Dielectric Resistance		1000VAC (1 min.)
Applicable Wire Size		20AWG ~ 12AWG (0.50mm <sup>2</sup> ~ 4.0mm <sup>2</sup> )
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 <sup>2</sup> )	U.S.A. (AWG)	Japan (mm <sup>2</sup> )
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



7282-5596-10



7283-5596-10



7282-5595-10



7283-5595-10

## Part Number Summary Chart

Part Name	Male	Female
<i>Terminal</i>	7114-4140-02	7116-4140-02
	7114-4141-02	7116-4141-02
	7114-4142-02	7116-4142-02
<i>Cable Seal</i>	7158-3081-50	
	7158-3082-90	
	7158-3083	
	7158-3084-40	
<i>Unused Cavity Plug</i>	7158-3080-60	
<i>Applicable Clip</i>	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	

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