

## Unsealed YESC 2.8 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		22AWG ~ 14AWG (0.35mm <sup>2</sup> ~ 2.5mm <sup>2</sup> )
Terminal Pitch		Horizontal: 5.00mm; Vertical 6.80mm
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	7114-4110-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7114-4111-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	7114-4112-02	Sn	1.5 ~ 2.5	14	2.0
Female Terminal	7116-4110-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7116-4111-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	7116-4112-02	Sn	1.5 ~ 2.5	14	2.0



7282-5565-40



7283-5565-40



7282-5566-60



7283-5566-60



7282-5563-40



7283-5563-40



7282-5569-40



7283-5569-40



7282-5561-40



7283-5561-40



7282-5569-40



7283-5566-40

## Part Number Summary Chart

Part Name	Male	Female
<i>Terminal</i>	7114-4110-02	7116-4110-02
	7114-4111-02	7116-4111-02
	7114-4112-02	7116-4112-02
<i>Applicable Clip</i>	7047-9580 (Ref)	N/A

Pole	Polarity	Color	Male Part #	Female Part #	Female Part # (w/CPA)	Delete Cap
2	A	light Grey	7282-5565-40	7283-5565-40		
3	A	light Grey	7282-5563-40	7283-5563-40		
4	A	light Grey	7282-5561-40	7283-5561-40		
4	B	Green	7282-5566-60	7283-5566-60		
6	A	light Grey	7282-5569-40	7283-5569-40		
6	A	light Grey	7282-5569-40	7283-5586-40	7283-5913-40	
7	A	light Grey	7282-5580-40	7283-5580-40		
8	A	light Grey	7282-5560-40	7283-5560-40		
8	A	light Grey	7282-5560-40	7283-5587-40	7283-5914-40	
8	A	Blue		7283-5560-90		
8	B	Green/Direct only		7283-5917-60		
8	B	Green/Direct only		7283-6382-60		
8	C	Dark Grey/Direct only		7283-6384-10	7283-6383-10	
10	A	light Grey	7282-5564-40	7283-5564-40		7282-8473-40
12	A	light Grey	7282-5567-40	7283-5567-40		
12	A	light Grey	7282-5567-40	7283-5589-40	7283-5916-40	
12	B	Green	7282-5578-60	7283-5578-60		

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