

Unsealed 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: 8.50mm; Vertical 7.30mm
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	7114-4120-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
	7114-4121-02	Sn	1.5 ~ 2.5	14	2.0
	7114-4122-02	Sn	4.0	12	3.0
Female Terminal	7116-4120-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
	7116-4121-02	Sn	1.5 ~ 2.5	14	2.0
	7116-4122-02	Sn	4.0	12	3.0



7282-5590-40



7283-5590-40



7282-5594-40



7283-5594-40



7282-5604-40



7283-5591-40

Part Number Summary Chart

Part Name	Male	Female
<i>Terminal</i>	7114-4120-02	7116-4120-02
	7114-4121-02	7116-4121-02
	7114-4122-02	7116-4122-02
<i>Applicable Clip</i>	7047-9580 (Ref)	N/A

Pole	Polarity	Color	Male Part #	Female Part #
2	A	Light Grey	7282-5590-40	7283-5590-40
4	A	Light Grey	7282-5594-40	7283-5594-40
6	A	Light Grey	7282-5604-40	7283-5591-40
6	B	Green	N/A	7283-5592-60

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