

## Unsealed YESC 1.5 x 0.8

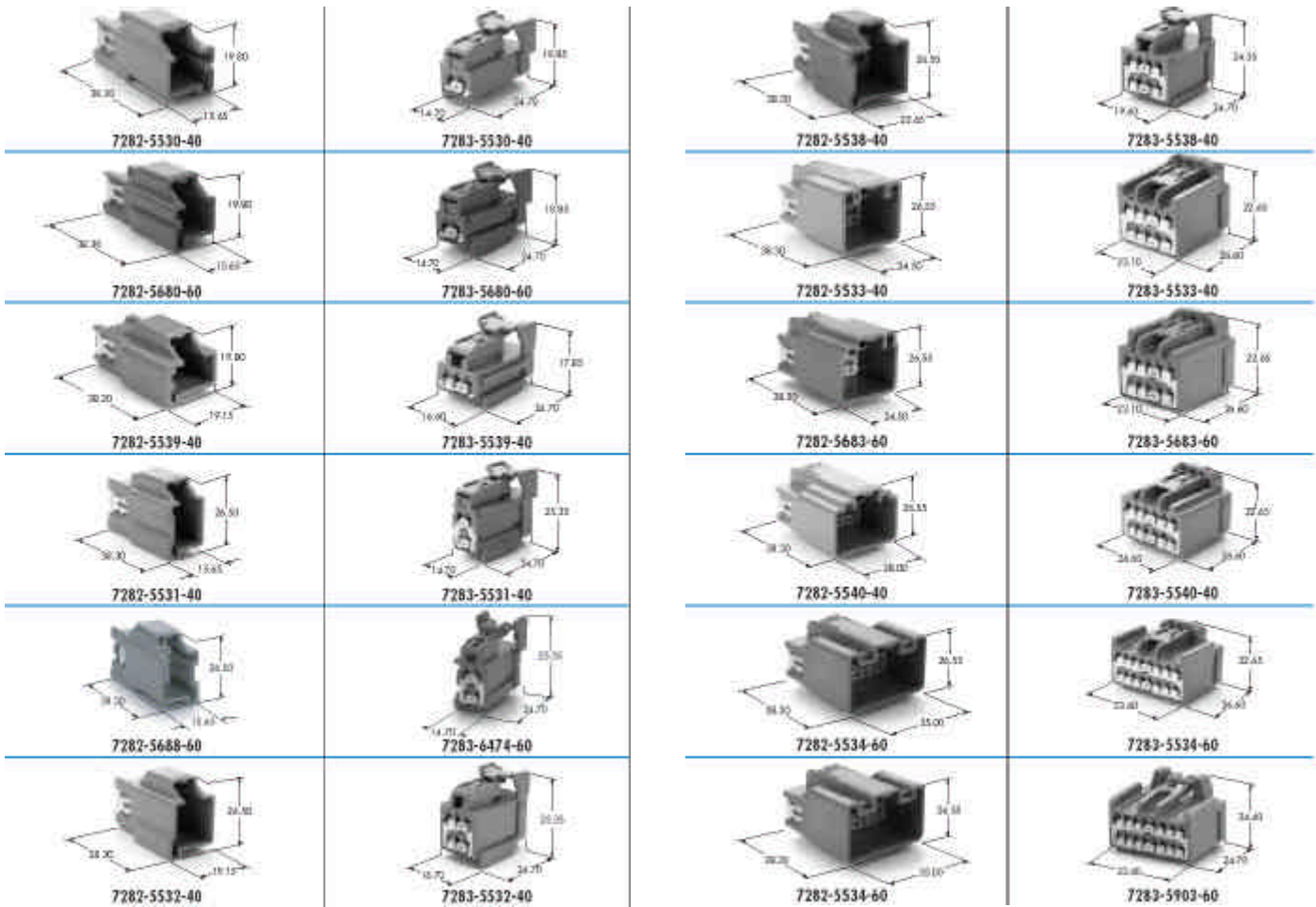
### SPECIFICATIONS

	Connector	HPA
Material	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 ~ 16AWG (0.35mm <sup>2</sup> ~ 1.0mm <sup>2</sup> )
Terminal Pitch		Horizontal: 3.50mm; Vertical 6.50mm
Terminal-to-Connector Retention Force		90N Min
Connector-to-Connector Retention Force		110N Min

### Part Number Summary Chart

Part Name	Male	Female
Terminal	7114-4100-02	7116-4100-02
	7114-4101-02	7116-4101-02
	7114-4100-08	7116-4100-08
	7114-4101-08	7116-4101-08
Applicable Clip	7047-9580 (Ref)	N/A

Pole	Polarity	Color	Male Part #	Female Part #	Female Part # (w/CPA)	Delete Cap
2	A	Light Grey	7282-5530-40	7283-5530-40		7282-5555-40
2	A	Orange	7282-5530-50	7283-5530-50		
2	B	Green	7282-5680-60	7283-5680-60		
2	B	Yellow	7282-5680-70	7283-5680-70		
3	A	Light Grey	7282-5539-40	7283-5539-40		
4	A	Light Grey	7282-5531-40	7283-5531-40		
4	A	Yellow	7282-5531-70	7283-5531-70		
4	A	Orange	7282-5531-50	7283-5531-50		
4	B/YESCII	Green	7282-5688-60	7283-6474-60	7283-6475-60	
6	A	Light Grey	7282-5532-40	7283-5532-40		7282-5944-40
8	A	Light Grey	7282-5538-40	7283-5538-40		
10	A	Light Grey	7282-5533-40	7283-5533-40		7282-8449-40
10	A	Yellow	7282-5533-70	7283-5533-70		
10	B	Green	7282-5683-60	7283-5683-60		
12	A	Light Grey	7282-5540-40	7283-5540-40		
16	A	Green	7282-5534-60	7283-5534-60		7282-5690-60
16	A/YESC II	Green	7282-5534-60	7283-5903-60	7283-5941-60	
16	B	Blue	7282-5535-90	7283-5535-90		
16	C	Light Grey	7282-5536-40	7283-5536-40		



## Terminal

Description	Part Number	Plating	Applicable Wire Size		
			Europe (mm <sup>2</sup> )	U.S.A. (AWG)	Japan (mm <sup>2</sup> )
Male Terminal	7114-4100-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7114-4101-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	7114-4100-08	Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7114-4101-08	Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
Female Terminal	7116-4100-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7116-4101-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	7116-4100-08	Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
	7116-4101-08	Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25

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