

## Axial Adjustable

### DESCRIPTION

A modular connector that simplifies vehicle assembly and prevents partially mated connections.

### BENEFITS

- Improves vehicle assembly process
- Higher quality and reliability for connector mating operations

### SPECIFICATIONS

X-Axial Movement :  $\pm 3.00$  mm  
 Y-Axial Movement :  $\pm 3.00$  mm  
 Z-Axial Movement :  $\pm 2.50$  mm  
 Wire Size Range : 22 ~ 16 AWG  
 Existing 1.5 YESC Unsealed Terminal System



Material	Connector	PBT – 15% GF
	Male Terminal	Copper Alloy (Sn/Au Plate)
	Female Terminal	Copper Alloy (Sn/Au Plate)
	Operating Temperature Range	-40° C ~ 100° C (120°C max temp.) (USCAR Class II)
	Voltage Drop	100mV <max (Term./Term.) (Crimp-To-Crimp)
	Isolation resistance	500VDC, 20MΩ Min
	Dielectric Resistance	1000VAC (1 min.)

Pole	Polarity	Color/Description	Male Part #1	Female Part #
12	A	Black 12 x1.5	7282-4848-30	7283-4848-30

## Terminals

Description		Part Number	Plating	Applicable Wire Size		
				Europe (mm <sup>2</sup> )	U.S.A. (AWG)	Japan (mm <sup>2</sup> )
Male Terminal	1.5mm	7114-4100-02/-08	Sn/Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
		7114-4101-02/-08	Sn/Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
Female Terminal	1.5mm	7116-4100-02/-08	Sn/Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
		7116-4101-02/-08	Sn/Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25

## STATUS

In production

For more information, contact [info@us.yazaki.com](mailto:info@us.yazaki.com)