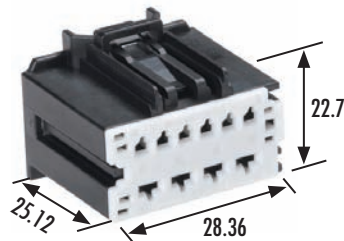


Stac64™ Hybrid Receptacle

31372



Features and Benefits

- Pre-assembled TPA to receptacle housing shipped as single assembly provide applied labor and cost savings

Reference Information

Packaging: Female Receptacle Connectors—Bulk Pack

Mates With: Series 34695, 34696 male unsealed headers

Use With Terminals:

1.50mm (.059") female—Molex 33012-2001, -2002, -2003, -3001, -3002, -3003

2.80mm (.110") female—Tyco and Yazaki

Designed In: Millimeters

Electrical

Voltage: 500V max.

Current: 2.80mm (.110")—30.0A max.

1.50mm (.059")—20.0A max.

Contact Resistance: 2.80mm (.110")—5 milliohms max.

1.50mm (.059")—10 milliohms max.

Dielectric Withstanding Voltage: 500V DC

Isolation Resistance: 20 Megohms min.

Mechanical

Mating Force: Less than 75N (16.9 lb)

Connector Retention (Primary latch): 110N (24.7 lb) min.

Contact Retention to Housing: 2.80mm (.110")—90N

(20.2 lb) min. with TPA, 60N (13.5 lb) without TPA

1.50mm (.059")—85N (19.1 lb) min. with TPA,

45N (10.1 lb) without TPA

Contact Insertion Force Into Housing: 30N (6.7 lb) max.

Connector Audible Feedback: 7dB over ambient

Durability: 10 milliohms max.—10 cycles

TPA Insertion Force: 60N (13.5 lb) max.

TPA Extraction Force: 60N (13.5 lb) max.

Physical

Harness Housings: glass filled SPS/nylon blend

TPA: 15% glass filled polyester

Circuit Size	Order No.	Polarization Option	Color	Comment
10	31372-1000	A	Black	1.50 and 2.80mm (.059 and .110") terminal size hybrid receptacle connectors
	31372-1100	B	Grey	

Note: All dimensions in millimeters.