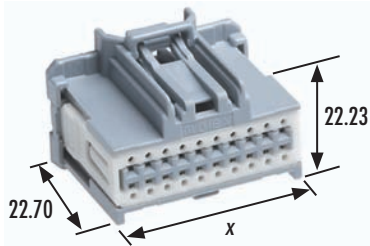


2.54mm (.100") Pitch Stac64™ Signal Receptacle

34729
Female



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 34690, 34691 male unsealed headers
Use With Terminals:

0.64mm (.059") female—Series 34803

Designed In: Millimeters

Electrical

Voltage: 500V max.

Current: 0.64mm (.025")—10.0A max.

Contact Resistance: 0.64mm (.025")—20 milliohms max.

Dielectric Withstanding Voltage: 500V DC

Isolation Resistance: 20 Megohms min.

Mechanical

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

Contact Retention to Housing:

0.64mm (.025")—75N (16.9 lb) min. with TPA,

30N (6.7 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.

Thermal Shock (Class 2, 100 cycles):

0.64mm (.025")—20 milliohms max.

Vibration/Mechanical Shock (electrical):

0.64mm (.025")—20 milliohms max.

Temperature/Humidity (electrical):

0.64mm (.025")—20 milliohms max.

High Temperature Exposure (electrical):

0.64mm (.025")—20 milliohms max.

Mating Force: 60N max.

Physical

Harness Housings: Glass filled PBT

TPA: 15% glass filled polyester

Circuit Size	Order No.	Polarization Option	Color	Assembly Features	Comment	Connector Length (Dimension "X")						
8	34729-0080	A	Black	Housing and TPA Assembly	0.64mm (.025") terminal size USCAR receptacle connectors	14.76						
	34729-0081	B	Grey									
	34729-0082	C	Brown									
12	34729-0120	A	Black			Housing and TPA Assembly	0.64mm (.025") terminal size USCAR receptacle connectors	19.84				
	34729-0121	B	Grey									
	34729-0122	C	Brown									
16	34729-0160	A	Black					Housing and TPA Assembly	0.64mm (.025") terminal size USCAR receptacle connectors	24.92		
	34729-0161	B	Grey									
	34729-0162	C	Brown									
20	34729-0200	A	Black							Housing and TPA Assembly	0.64mm (.025") terminal size USCAR receptacle connectors	30.00
	34729-0201	B	Grey									
	34729-0202	C	Brown									
	34729-0203	D	Green									

Note: All dimensions in millimeters.