

\$34 Million inventory of connectors and accessories

Our multi-million dollar inventory means you don't need "special-order" components - they're already in stock!



Quality assurance & electronic tracking



We inspect each and every order repeatedly throughout the production process to ensure that you receive our highest quality standards that meet all of your performance specifications. Our computerized tracking systems means we know the status of your order anytime...we're just a phone call away.

JIT delivery, drop shipping & kitting

We can shrink-wrap every component individually, gang an entire order, or assemble kits. And we package it all in bar-coded containers that meet your protection and inventory requirements.

Search Our Inventory On-line

- Part number search utility for product availability.
- An interactive Amphenol Series Selector Guide takes you through a step-by-step process to help you find the connector that meets your specifications.
- Submit an RFQ (request for quote). We guarantee a response within 24 hours.

PEI-Genesis

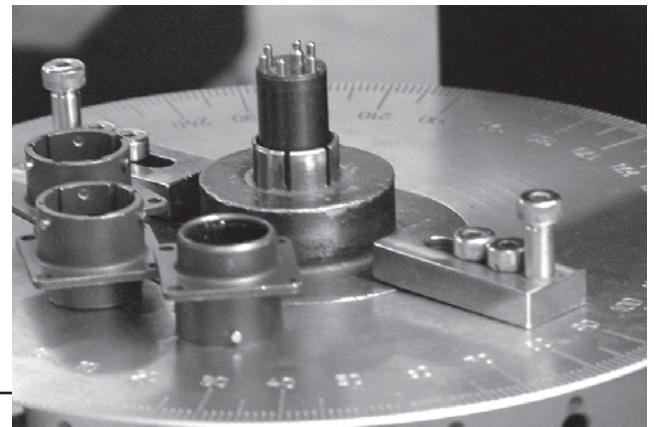
Engineering and design support

We can analyze an existing application or advise you during your design phase, making recommendations that may result in cost reductions. We can also pre-build your order, electronically protect it in stock for your exclusive use, and release delivery throughout the year to meet your production schedule.

More Amphenol On-line

Not shown in this catalog but available are:

- Tuchel series
- Star-Line, Star-Line EX
- D-Subminiatures
- Filter connectors
- RF
- Filter terminal blocks
- Alden Products
- Various series from Amphenol Ltd.



See Index pages 274-280 for RoHS compliant parts

Getting the most from our Amphenol Connector Solutions Guide

Not just another catalog, PEI-Genesis has created this Amphenol Connector Solutions Guide. You expect dimensional drawings, specifications, and photos from a traditional catalog, but we take it a step further, helping you find solutions.

- On page 3 we start with a brief description of each connector series in this catalog.
- On pages 4 and 5 you will see a Comparison Chart that allows you to compare each series' specifications to select the right connector for your application.

Create your part number

Each connector series has an easy-to-follow pictorial chart that takes you step-by-step through each available option to create your part number . . . then you can review specific details for each option you selected on the referenced pages.

Accessories

Every section shows accessories specific to each connector series. On pages 257-264 you'll find accessories and assembly tools for general applications.

Assembly Instructions

Specific wire crimping, wire stripping, insertion and extraction tools are highlighted for each connector type. Instructions are found at the end of each series giving step-by-step details for assembly.

Know your part number?

Use our Part Number Index to find the correct pages where specific details and information for that part will be found.

For your reference:

Glossary of Terms

Over the years, connectors have developed their own language. We've put together hundreds of terms and defined them in language you can understand.

Conversion Charts

In the appendix you'll find convenient conversion charts from fractions to decimals to millimeters, area measurements to diameter measurement for contacts, centigrade to Fahrenheit, pressure conversion, torque measurements, and electrical resistance.

Warranty & Product Safety Information

An overview of the relevant information for product safety. A must read before anything is specified.

Follow these 9 steps to create your part number . . .

STEP 1 Select Connector Type

STEP 2 Select Shell Style, Plug or Receptacle

STEP 3 Choose Endbell

STEP 4 Choose Cable Clamps and/or Heat Shrink Boot

STEP 5 Choose Layout

STEP 6 Choose Contact

STEP 7 Choose Rotation

STEP 8 Choose Contact Type

STEP 9 Choose Plating/Modifications

Accessories

SHELL SIZE	FRONT MOUNT		REAR MOUNT	
	NON-CONDUCTIVE	CONDUCTIVE	LOW TEMPERATURE	NON-CONDUCTIVE
14S	10-509001-114	10-509002-114	10-509003-114	10-509004-114
16	10-509001-116	10-509002-116	10-509003-116	10-509004-116
18	10-509001-118	10-509002-118	10-509003-118	10-509004-118
20	10-509001-120	10-509002-120	10-509003-120	10-509004-120
22	10-509001-122	10-509002-122	10-509003-122	10-509004-122
24	10-509001-124	10-509002-124	10-509003-124	10-509004-124
26	10-509001-126	10-509002-126	10-509003-126	10-509004-126
28	10-509001-128	10-509002-128	10-509003-128	10-509004-128
30	10-509001-130	10-509002-130	10-509003-130	10-509004-130
32	10-509001-132	10-509002-132	10-509003-132	10-509004-132
34	10-509001-134	10-509002-134	10-509003-134	10-509004-134
36	10-509001-136	10-509002-136	10-509003-136	10-509004-136
38	10-509001-138	10-509002-138	10-509003-138	10-509004-138
40	10-509001-140	10-509002-140	10-509003-140	10-509004-140

Crimp Tensile Strength

SIZE	WIRE GAUGE	MIN.
16	16	200
18	18	400
20	20	600
22	22	700
24	24	800
26	26	1000
28	28	1100
30	30	1200
32	32	1300
34	34	1400
36	36	1500
38	38	1600
40	40	1700