

**ARROW** | **Aerospace & Defence**

Components – Australia / New Zealand

Capabilities and Line Card



**Five Years Out**

[arrow.com](http://arrow.com)

# Five Years Out

## Aerospace and Defence

The workings of the bicycle made way for the first flying machine. A spaceship was built on the ground piece by piece before a man could walk on the moon.

At **Arrow**, we know everything epic relies on small, forward-thinking parts—put together with absolute precision.

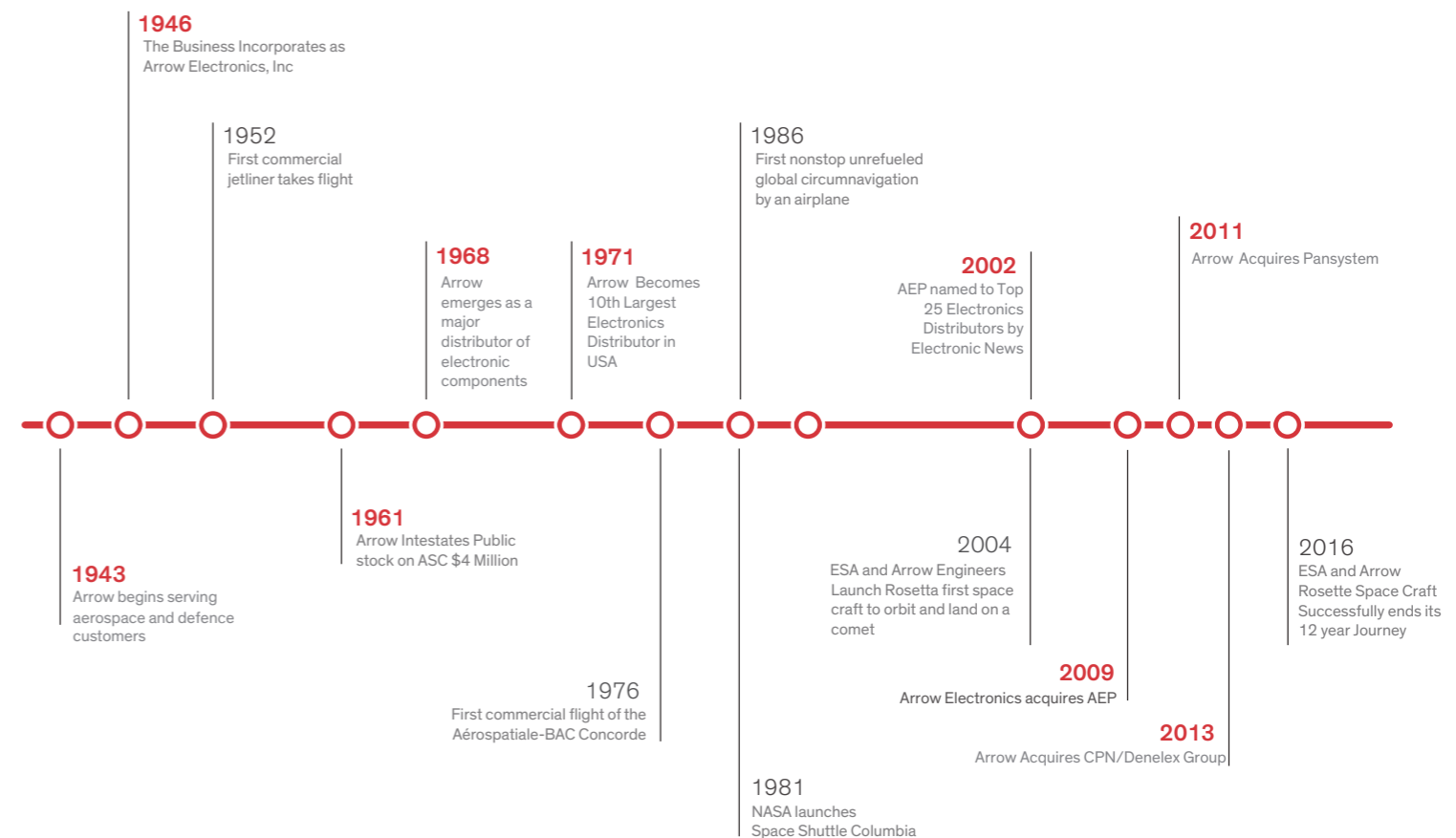
As your partner, we'll provide the benefits of more than 40 years of experience serving thousands of aerospace and defence customers with the components and finished goods they need to take flight.

We deliver quality across product lifecycles. Our extensive line card features military qualified and commercial off-the-shelf products from the industry's top manufacturers. And our services and solutions prove we understand what this industry demands.

Design. Product supply. Quality control. Value-added services. We have it all—and can customize our solutions to fit your challenges.

Trust in our unmatched heritage. And join us in the world of Five Years Out, where we bring the future into fruition. Together.

## The History of Arrow Electronics and Aerospace Division





# ARROW ELECTRONICS

## Interconnect Specialists™

## Why Arrow Electronics?

As your partner is forward thinking, we believe it's our responsibility to contribute to your success, not just project by project, but over the lifetime of our professional relationship. That's why we bring added value to the table.

**ESSENTIAL PARTNERSHIPS**  
Leverage the world's leading interconnect manufacturers through Arrow - A.E. Petsche Co. We can help you access the latest technologies and tools to meet all your specifications.

**GLOBAL LOGISTICS**  
Expand your business into international markets with speed and efficiency through any one of our global offices.

**LOGISTICS SUPPORT**  
Dramatically reduce inventories and cut costs. Our comprehensive range of services include point of use replenishment in-plant stores, and contract usage support, allowing you to virtually eliminate challenges such as shortages and airfreight costs.

**IN- HOUSE VALUE ADDED SERVICES**  
Streamline production with Arrow's value-added services. We're equipped to provide QPL approved connector assembly and kitting as well as wire marking, stripping and cutting.

**CUSTOMER SERVICE**  
Work with integrity. Arrow Electronics is committed to industry leading customer service and high ethical standards demonstrated in our timely responses, accurate information and on-time delivery for all customers.

**QUALITY ASSURANCE & CERTIFICATIONS**  
Rely on high quality products. Our rigorous inspection practices and certification to industry standards, including AS9120A and AS9100/ISO 9001, SAE G19 (AS5553, AS6081, AS6171) standards ensure the delivery of products that meet or exceed appropriate OEM or military specifications, elimination the risk of counterfeit parts from entering your mission critical supply chain.

## Supplier Listing

- |   |  |  |
|---|--|--|
| <p><b>A</b><br/>ADI Electronics<br/>Aiconics<br/>Airtec Braids<br/>American Micro<br/>American Wire Works<br/>Amphenol<br/>*Aerospace<br/>*Connex<br/>*PCD<br/>*RF<br/>API Technologies<br/>Automatic Connector</p>   | <p><b>F</b><br/>Federal Mogul</p>  | <p><b>R</b><br/>Red Lion<br/>*SIXNET<br/>RMS<br/>RSCC</p>  |
| <p><b>B</b><br/>Breyden Products</p>  | <p><b>G</b><br/>Gamma<br/>Glenair</p>  | <p><b>S</b><br/>San-Tron<br/>Smiths Connectors<br/>*Hypertac<br/>Souriau<br/>Specialty Wire and Cable<br/>Steinel<br/>Step'N Components<br/>Sumitomo Electric Interconnect Products<br/>SV Microwave</p> |
| <p><b>C</b><br/>Carlisle<br/>*Radex<br/>*Tensolite<br/>*Thermax<br/>*Tri-Star<br/>Cinch<br/>*Array Connector Corporation<br/>*Trompeter/Emerson Network Power<br/>Connectivity Solutions<br/>Conec<br/>Conesys<br/>*Aero Electric<br/>*J-Tech<br/>Corsair Electrical Connectors<br/>CW Industries</p> | <p><b>H</b><br/>Harbour Industries<br/>Hellermann Tyton<br/>Honeywell Sensing &amp; Control Switches</p> | <p><b>T</b><br/>Techflex<br/>TE Connectivity<br/>*AMP<br/>*Deutsch<br/>*Raychem<br/>*Tyco<br/>Times Microwave Systems</p>  |
| <p><b>D</b><br/>Delta Electronics Manufacturing Corporation<br/>Detoronics<br/>Device Technologies<br/>Draka</p>  | <p><b>I</b><br/>Ideal Industries<br/>Incon<br/>ITT Cannon<br/>IW Microwave</p>                           | <p><b>V</b><br/>Variflex</p>   |
| <p><b>E</b><br/>ESPA Hutchinson</p>   | <p><b>J</b><br/>Judd Wire</p>  | <p><b>W</b><br/>Western Filament<br/>Winchester<br/>*Continental Connector Company<br/>*Kings Electronics</p>  |
|   | <p><b>L</b><br/>Loos and Company</p>   | <p><b>Z</b><br/>Zeus</p>   |
|   | <p><b>M</b><br/>MAJR<br/>Mecatraction</p>  |  |
|   | <p><b>N</b><br/>Nexans</p>   |  |
|   | <p><b>P</b><br/>Panduit<br/>Preci-Dip</p>  |  |

Supplier Listing Legend:  
\* A division of

# Wire & Cable

	American Wire Works	Carlisle (Tensolite)	Carlisle (Thermax)	Draka	Harbour	Judd Wire	Loos	Nexans	Red Lion (SIXNET)	RSCC	Specialty	TE (Raychem)	Times Microwave Systems
44A												•	
55A												•	
ABS				•				•				•	
ASNE/ Airbus				•				•				•	
BMS/ Boeing		•	•			•	•	•				•	
DEF Standards		•		•				•				•	
EB-CAT5E/ET-CAT6M								•					
EN Standards		•	•	•				•					
IEEE 1394		•	•	•	•								
M16878 (NEMA HP)		•	•		•						•		
M8777 OR MS25471				•									
MIL-C-13486				•									
MIL-C-27072						•							
MIL-C-55021			•		•						•		
MIL-DTL-17		•	•		•				•			•	
MIL-DTL-24640									•			•	
MIL-DTL-24643									•			•	
MIL-DTL-25038			•								•		
MIL-DTL-5846											•		
MIL-DTL-81381		•	•										
MIL-DTL-83420							•						
MIL-STD-1553B		•	•	•	•						•	•	
MIL-W-5086									•	•			
MS20995 (NASM20995)	•						•						
Nema WC27500		•	•	•	•	•				•	•	•	
RG Cable			•		•					•		•	
SAE AS22759		•	•	•	•	•				•	•	•	
SAE AS81044										•		•	
SAE AS81822		•	•							•			
SAE AS85485						•						•	

# Harness Protection Products

	Breyden Products	Device Technologies	Federal Mogul	Gamma	Glenair	Hellerman Tyton	Honeywell S&C	Majr Products	Panduit	Sumitomo	TE (AMP/Tyco)	TE (Raychem)	Techflex	Varflex	Western Filament	Zeus
A-A-52080 thru A-A-52084	•		•													•
ABS												•				
AMS																•
ASNE/ Airbus								•		•	•					
ASTM-D-3295																•
BMS/ Boeing			•									•	•		•	
EMI/RFI Shielding								•								
EN6049			•													
M631														•		
MIL-A-46864												•				
MIL-C-39029												•				
MIL-DTL-22520												•				
MIL-DTL-83723												•				
MIL-I-22129																•
MIL-I-3190			•											•		
MIL-M-87958												•				
MIL-PRF-39002							•									
MIL-PRF-46846												•				
MIL-STD-1553B												•				
MIL-T-43435	•		•												•	
MIS-20065												•				
MIS-20067												•				
NAS1744 thru NAS1746										•		•				
NASM22529																
RMS/Rohr											•				•	•
SAE-AMS-DTL-23053				•						•		•				•
SAE-AS17143											•					
SAE-AS25036											•					
SAE-AS25274											•					
SAE-AS31091					•							•				
SAE-AS31171												•				
SAE-AS33671																
SAE-AS33681						•				•						
SAE-AS7928						•										
SAE-AS81659											•					
SAE-AS81765												•				
SAE-AS81824											•		•			
SAE-AS81914					•											•
SAE-AS83519					•						•					
SAE-AS85049					•							•				
SEA-AS20659									•		•					
VG 95343												•				
VG 96933												•				
VG 96936												•				

# Connectors

	ADI Electronics	Aiconics	American Micro	Amphenol (Aerospace)	Amphenol (PCD)	Carlisle (Tri-Star)	Cinch	Cinch (Array)	Conesys (Aero Electric)	Conesys (J-Tech)	Corsair Electrical Connectors	CW Industries	Detronics	Glenair	Incon	ITT Cannon	Preci-Dip	RMS	Souriau	Step'N Components	TE (AMP)	TE (Deutsch)	Winchester (CCC)
ARINC 400				•																			
ARINC 600				•										○		•					•	•	•
AS25036																						•	•
AS26059																						•	•
EN2997				•					•				•								•	•	•
EN3155						•	•										•				•	•	•
EN3545														•									•
EN3645																					•	•	•
EN3646																					•	•	•
EN4165					•																•	•	•
ESC10				•																	•	•	•
ESC11				•																	•	•	•
ECS15																					•	•	•
ECS16																					•	•	•
MIL-C-39029				•	•				•	•			•			•					•	•	•
MIL-C-5015, I				•				•					•	○		•					•	•	•
MIL-C-5015 FR										•	•		○								•	•	•
MIL-C-5015 RR				•					•	•	•		○		•						•	•	•
MIL-C-81511, I&II				•									○								•	•	•
MIL-C-81511, III													○								•	•	•
MIL-C-81511, IV													○								•	•	•
MIL-C-81582							•														•	•	•
MIL-C-81659			•													•					•	•	•
MIL-C-81703													•								•	•	•
MIL-C-83527																					•	•	•
MIL-C-85049				•	•		○						•		•								
MIL-DTL-12883				•																			
MIL-DTL-21097																					•	•	•
MIL-DTL-22520													•		•								
MIL-DTL-22992				•									○										
MIL-DTL-24308	•			•	•	•							•	•	•						•	•	•
MIL-DTL-26482, I				•	○		•						•	○	•						•	•	•

**Legend**  
 • = Supplier parts meet this specification  
 ○ = Backshell/Accessory only

	ADI Electronics	Aiconics	American Micro	Amphenol (Aerospace)	Amphenol (PCD)	Carlisle (Tri-Star)	Cinch	Cinch (Array)	Conesys (Aero Electric)	Conesys (J-Tech)	Corsair Electrical Connectors	CW Industries	Detronics	Glenair	Incon	ITT Cannon	Preci-Dip	RMS	Souriau	Step'N Components	TE (AMP)	TE (Deutsch)	Winchester (CCC)
MIL-DTL-26482, II				•	•				•		•	•	○		•					•	•	•	•
MIL-DTL-26500				•	•		•		•			•	○					•					
MIL-DTL-27599				•																			
MIL-DTL-28748									•														•
MIL-DTL-28804										•													
MIL-DTL-28840														•									
MIL-DTL-38999, I				•	•	○			•		•	•	○		•				•		•	•	•
MIL-DTL-38999, II				•	•	○			•		•	•	○		•				•		•	•	•
MIL-DTL-38999, III				•	•	○			•		•	•	○		•				•		•	•	•
MIL-DTL-38999, IV														○							•	•	•
MIL-DTL-55302				•											•						•	•	•
MIL-DTL-83503											•										•	•	•
MIL-DTL-83505																					•	•	•
MIL-DTL-83513				•			•							•		•					•	•	•
MIL-DTL-83522				•																	•	•	•
MIL-DTL-83527																			•		•	•	•
MIL-DTL-83723, I								•													•	•	•
MIL-DTL-83723, III				•	•				•	•		•	○				•				•	•	•
MIL-DTL-83733														•		•					•	•	•
MIL-I-81969	•	•	•	•											•					•	•	•	•
MIL-PRF-28876				•																	•	•	•
MIL-PRF-29504				•										•							•	•	•
MIL-T-81714, I							•														•	•	•
MIL-T-81714, II							•														•	•	•
MS17845											•												•
MS27488	•	•												•						•	•	•	•
MS3057				•	○									•									
MS3420				•										•									
MS3505											•												
MS3506											•												
MS90362											•			•							•	•	•

**Note:**  
 We also provide a wide array of Boeing and Airbus specifications, as well as commercial versions of any franchised lines.

# Electromechanical Products

	Honeywell S&C	TE (AMP/Tyco)
AN3167	•	
AN3168	•	
MIL-DTL-83725		•
MIL-PRF-28750		•
MIL-PRF-28776		•
MIL-PRF-39016		•
MIL-PRF-6106		•
MIL-PRF-83536		•
MIL-PRF-83726		•
MIL-PRF-8805	•	
MIL-R-5757		•
MIL-S-5594	•	
MS16106	•	
MS21320	•	
MS21321	•	
MS24185		•
MS24331	•	
MS24420	•	
MS24523	•	
MS24524	•	
MS24525	•	
MS24547		
MS24594		
MS24658	•	
MS24659	•	
MS24660	•	
MS25008	•	
MS25011	•	
MS25085	•	
MS25253	•	
MS25383	•	
MS27216	•	
MS27240	•	
MS27245		•
MS27247		•
MS27406	•	
MS27407	•	
MS27408	•	
MS27409	•	
MS27418		•
MS27716	•	
MS27717	•	
MS27718	•	
MS27719	•	
MS27720	•	
MS27721	•	
MS27722	•	
MS27723	•	
MS27724	•	
MS27734	•	
MS27735	•	
MS27736	•	
MS27737	•	
MS27738	•	
MS27739	•	
MS27750		•
MS27753	•	
MS27754	•	
MS27781	•	
MS27782	•	
MS27783	•	
MS27784	•	
MS27785	•	
MS27786	•	
MS27787	•	
MS27788	•	
MS27789	•	
MS27790	•	
MS27994	•	
S-311-448		•
S-311-P-10		•
S-311-P-4		•
MS27245		•
MS27724	•	
MS27734	•	
MS27735	•	
MS27736	•	
MS27737	•	
MS27738	•	
MS27739	•	
MS27750		•
MS27753	•	
MS27754	•	
MS27781	•	
MS27782	•	
MS27783	•	
MS27784	•	
MS27785	•	
MS27786	•	
MS27787	•	
MS27788	•	
MS27789	•	
MS27790	•	
MS27994	•	
S-311-448		•
S-311-P-10		•
S-311-P-4		•
MS27245		•

# RF Products

	Amphenol (RF)	Automatic Connector	Carlisle (Thermax)	Delta Electronics Manufacturing	Emerson (Trompeter)	Harbour	Judd Wire	Nexans	RSCC	San-Tron	SV Microwave	TE (AMP)	TE (Raychem)	Times Microwave Systems	Winchester (Kings)
MIL-DTL-39030														•	
MIL-DTL-3933														•	
MIL-DTL-83517													•	•	
MIL-PRF-31031														•	
MIL-PRF-39012	•	•		•								•	•		•
MIL-PRF-49142					•										•
MIL-PRF-55339	•	•		•								•	•		•
RG Cable			•			•		•	•					•	
SAE AS85485							•						•		
ST5M	•			•										•	•
Test Cable										•				•	
UG	•			•						•					

## Counterfeit Mitigation

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### Protection for Your Supply Chain

Our strict process controls and compliance to industry standards, including AS5553, ensure that you receive the highest quality products with complete traceability throughout the product lifecycle.

## Quality Control

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### Assurance of Excellence

Arrow Electronics is certified through AS9120A and AS9100C/ISO 9001 Quality Management Systems, and utilizes strict inspection processes to ensure consistently high quality products that will meet or exceed appropriate OEM or Military Specifications.

## Value Added Services

Arrow Electronics offers value added services to tailor all aspects of customer orders from products to logistics. Offerings include C-Class QPL connector assembly, pre-marked wire/cable products; and custom harness management solutions all designed to dramatically reduce inventory and cost.

### Wire

- Wire Marking
- Reel to Reel
- Kitting
- Laser Marking
- Tubing Perforating
- Ink Jet Marking
- Striping

### Tooling

- Heat Guns
- Wire Strippers
- Thermal Strippers

### Connectors Class C Assembly

- Souriau
- Deutsch
- Aero-Conesys
- Array
- Corsair
- Cinch
- Glenair
- ITT Cannon

### Harness Management

- Thermal Marker Sleeve Scoring and Printing
- Tubing Cutting



# Are You Five Years Out?

Most people live in the present. The world of now. But a handful of us work in a unique world that doesn't quite exist yet—the world of Five Years Out.

Five Years Out is the tangible future. And the people who live and work there know that new technologies, new materials, new ideas and new electronics will make life not only different, but better. Not just cheaper, but smarter. Not just easier, but more inspired.

Five Years Out is an exciting place to be. So exciting that, once you've been there, it's hard to get excited about the present. Because we know what's coming is going to be so much better.

Five Years Out is a community of builders, designers, engineers and imaginers who navigate the path between possibility and practicality. Creating the future of everything from cars to coffeemakers.

Are you one of them? Then you're probably working with us.

## Australia

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## In Person

**Call an ANZ Branch** and speak to one of our knowledgeable engineer representatives for more details.

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Email us for answers to questions or to start a conversation.

## Online

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Visit our website for additional information  
and a sales office closest to you.

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