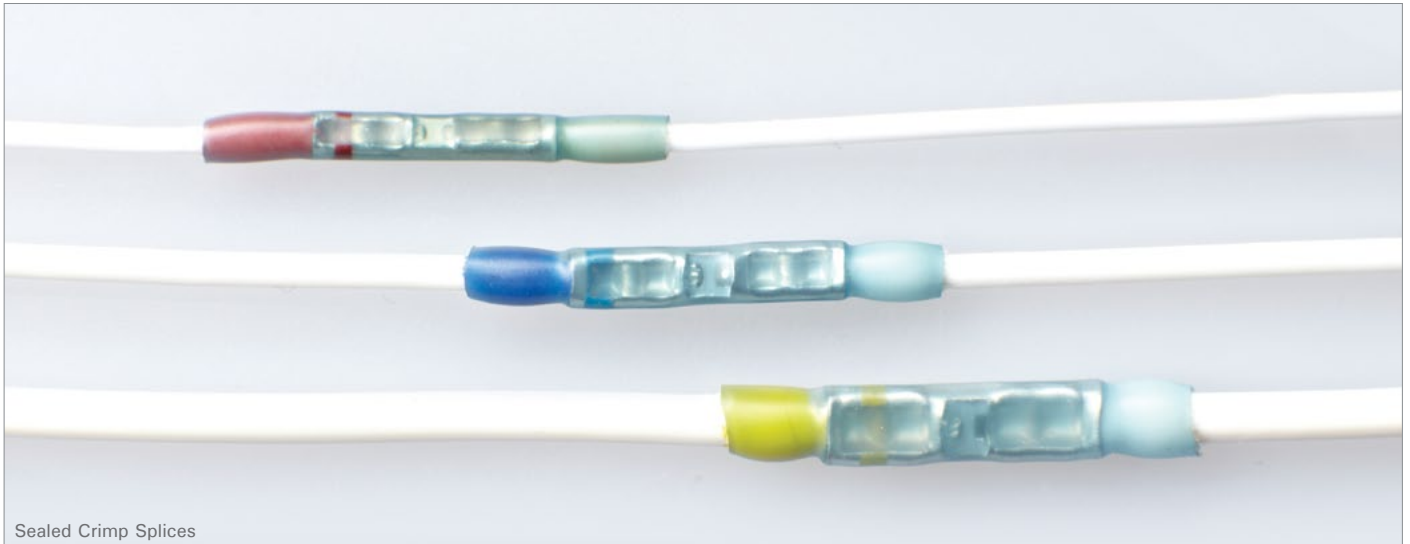


# Sealed Crimp Splices



Sealed Crimp Splices

## AS81824 CRIMP SPLICES

With the addition of Tri-Star Electronics International as a brand under Carlisle Interconnect Technologies, we continue to bring you the top quality products and services you have come to expect from both companies. CarlisleIT/Tri-Star sealed crimp splices are manufactured to give you high quality performance in the harshest operating environments. Our sealed crimp splices are ideal for aerospace and defense applications where small form factor, ease of installation, flexibility and improved sealing characteristics is essential. CarlisleIT/Tri-Star continues to offer the best products and the best value in the marketplace, while meeting the material and performance requirements of AS81824.

## BENEFITS

- » AS81824/1 QPL Approved
- » Top Quality Product and Dependable, On Time Delivery
- » Cost effective manufacturing – ISO9001 and AS9100 certified
- » Supplier to 90% of the world's leading aerospace, avionics and electronics OEMs
- » RoHS/ELV Compliant

## FEATURES

- » Small form factor
- » Completely Insulated
- » Lightweight
- » Moisture Resistant
- » Temperature Range -55°C to 165°C

## SUPERIOR MECHANICAL STRENGTH

CarlisleIT manufactures Crimp Barrels using a Cold Head process to provide superior mechanical strength before and after crimping.

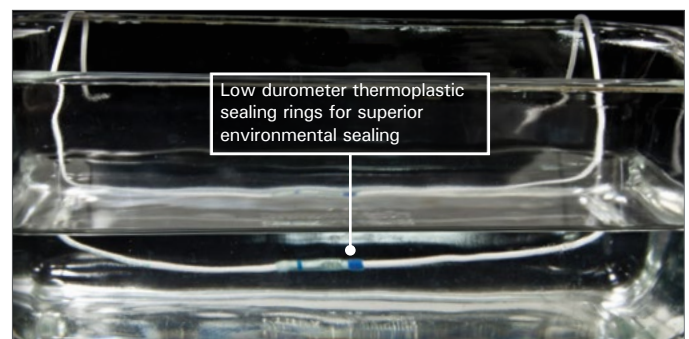


Competitor after crimping

CarlisleIT after crimping

## SUPERIOR ENVIRONMENTAL SEALING

CarlisleIT uses low durometer thermoplastic which expands at the same rate creating a more durable sealing material. This is measurable via the 100% pass rating on the Altitude Immersion test and easily identifiable to the touch.

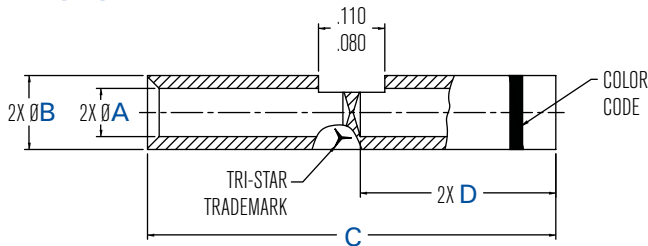


# Sealed Crimp Splices



Part No.	Military Designation	Wire Range	A Dia	B Dia	C	D	E	Finish	Color Code
H-C2005G	N/A	20-26 AWG	.050	.080	.510	.245	.085 Min	Gold	Red
H-C2005S	N/A		.045	.075	.490	.225		Silver	
H-C2005T	M81824/1-1							Tin	
H-C1605G	N/A	16-18 AWG	.069	.106	.585	.280	.110 Min	Gold	Blue
H-C1605S	N/A		.064	.101	.565	.260		Silver	
H-C1605T	M81824/1-2							Tin	
H-C1205G	N/A	12-14 AWG	.102	.153	.585	.280	.170 Min	Gold	Yellow
H-C1205S	N/A		.097	.147	.565	.260		Silver	
H-C1205T	M81824/1-3							Tin	

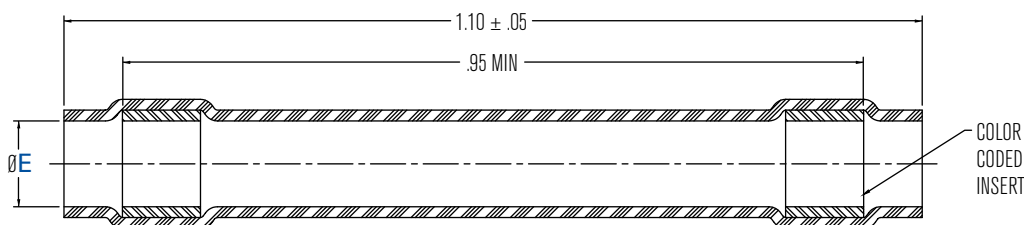
## Crimp Splice



## COMPONENTS

<b>Crimp Splice</b>	Copper alloy, tin plated per ASTM B 545.
<b>Insulation Sleeve</b>	Heat-shrinkable, transparent blue, cross-linked polyvinylidene fluoride.
<b>Sealing Rings</b>	Immersion resistant thermoplastic. Color: one white, one color coded.
<b>Application Tools</b>	Per AS81824 Standard, M22520 Crimp Tools and Steinel HL1802E or equivalent heat source.

## Insulation Sleeve



# Mouser Electronics

Authorized Distributor

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