

# *CONTACTS*



**CARLISLE**  
INTERCONNECT TECHNOLOGIES

## CRIMP CONTACTS

A Mil-Spec crimp contact. From standard crimp contacts to reduced crimp barrels or custom designed for unique wire applications, we are the leading manufacturer of crimp contacts for the Mil-Aero industry.



## PC TAIL CONTACTS

We have designed and manufactured thousands of Printed Circuit Tail contacts for all of the major connector families. Whether you choose from one of our existing styles or we build to your exact specifications, we are the #1 source for PC Tail contacts.



## COAXIAL, TWINAX & TRIAX

Coaxial contacts for Mil-C-38999, ARINC and many other connector families are available. Our coaxial contacts are used in critical communication systems, commercial & military satellites and telecom, as well as navigation and integrated avionic applications.



## THERMOCOUPLE CONTACTS

At 36,000 feet on a 70,000 lb thrust jet engine or miles down an oil exploration hole, our contacts can take the punishment. What may be exotic contacts to others have become one of our standard product offerings which brings decades of experience to your application.



## SOLDER CUP & WIRE WRAP

We provide both. Whether you are prototyping or wiring up a test application, we can provide you with the solder cup or wire wrap contacts you need.



## SPECIALIZED CUSTOM DESIGN

Special materials, designs or configurations – we can handle them all. Involve us with your design engineering team early in the process so we can help you to develop the most economical contact for your particular application.



*Part Numbering System*..... 1

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### Leading the Industry Through Innovation

With the addition of Tri-Star Electronics International, Carlisle Interconnect Technologies remains dedicated to providing our customers with innovative, high quality, cost-effective interconnect products. By combining the latest computerized automation with precision manufacturing techniques, we are able to manufacture contacts more efficiently, more precisely, less expensively and with more uniformity and reliability than anyone else. Our state of the art automation is designed, built and operated here at CarlisleIT/Tri-Star with many processes not duplicated anywhere else in the industry.

This has resulted in superior quality products and a sharp reduction in manufacturing costs due to a reduction of direct labor. This combination of quality and economy has been instrumental in establishing us as the industry leader.

We are proud of our over 30 years of experience in providing the finest quality contacts. We are committed to innovating our production methods and product offerings in order to increase the value we offer our customers. We stand ready to offer our clients an even greater selection of superior products and services in the years to come.



## XXX-XXXX-XXX-XX

- Modifier**

A	Type KN Thermocouple
C	Type KP Thermocouple
K	Type JN Thermocouple
I	Type JP Thermocouple
D	Type CU Thermocouple
-L	Localized Finish
T	Solder Dipped PC Tail
- Contact Family Code**  
 See product specification
- Contact Wire Barrel Size or Termination Type**

XX	Wire Barrel Size: (12, 16, 20, ect.)
W	Wire Wrap: (WW, W1, W2, ect.)
00	PC Tail (O1, O2, OA, etc.)
CX	Coaxial Contact (C1, C2, etc.)
TX	Twinax, Triax
- Contact Engagement Size**  
 00 thru 22
- Style**  
 Odd Number = Pin (Male) Contact  
 Even Number = Socket (Female) Contact
- Logo Code**

1	Stamped with TSEI Logo
2	No Logo
- Contact Finish**

1	.000020 min gold plate over nickel
2	.000030 min gold plate over nickel
3	.000050 min gold plate over nickel

 Consult factory for other finishes

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
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### BIN Code Color Bands (Basic Identification Number)

Reading from the wire barrel end of the contact – first (widest), second, and third color band – each digit of the BIN Code is designated on the contact by a color band in accordance with the following:

0	Black	5	Green
1	Brown	6	Blue
2	Red	7	Violet
3	Orange	8	Gray
4	Yellow	9	White

### Style

PIN	Pin (Male) Contact
SKT	Socket (Female) Contact

### Contact Size

Contact engagement size

### Wire Barrel Size or Termination Type

Crimp Barrel Wire Accommodation, Termination Type (PC Tail or Wire Wrap) or Coax RG Cable Accommodation

### Type/Class

**Type:**

A	Copper alloy contact
B	Ferrous alloy contact
C	Thermocouple contact
D	Copper alloy shielded contact

**Class:**

Class A	Maximum operating temperature +125°C
Class B	Maximum operating temperature +200°C

### Application

PWR	Power contact
CX	Shielded (coaxial) contact

Thermocouple Material	Tri-Star PIN Suffix
KN (formerly Alumel)	A
KP (formerly Chromel)	C
JN (formerly Constantan)	K
CU Copper	D
JP (formerly Iron)	I

Other materials are also available; please consult factory for additional information.

# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Family: AS81714

M39029/1 -	100	315-1622-500	Pin	16	22	A/B	PWR
M39029/1 -	101	315-1620-501-L	Pin	16	20	A/B	PWR
M39029/1 -	102	315-1416-502	Pin	14	16	A/B	PWR
M39029/1 -	103	315-1212-503	Pin	12	12	A/B	PWR
M39029/1 -	507	315-2022-600	Pin	20	22D	A/B	PWR

### MIL-DTL-26482 Series 2, AS81703 Series 3, MIL-DTL-83723 Series I & III, & MIL-DTL-83733

M39029/4 -	110	315-2020-088-L	Pin	20	20	A/B	PWR
M39029/4 -	111	315-1616-089-L	Pin	16	16	A/B	PWR
M39029/4 -	112	315-1620-123-L	Pin	16	20	A/B	PWR
M39029/4 -	113	315-1212-090-L	Pin	12	12	A/B	PWR
M39029/4 -	114	315-1216-124-L	Pin	12	16	A/B	PWR

### MIL-DTL-26482 Series 2, AS81703 Series 3, MIL-DTL-83723 Series I & III, & MIL-DTL-83733

M39029/5 -	115	316-2020-088-L	Skt	20	20	A/B	PWR
M39029/5 -	116	316-1616-089-L	Skt	16	16	A/B	PWR
M39029/5 -	117	316-1620-123-L	Skt	16	20	A/B	PWR
M39029/5 -	118	316-1212-090-L	Skt	12	12	A/B	PWR
M39029/5 -	119	316-1216-124-L	Skt	12	16	A/B	PWR

### MIL-DTL-26482 Series 2, AS81703 Series 3, MIL-DTL-83723 Series I & III, & MIL-DTL-83733

M39029/9 -	132	615-2020-088D	Pin	20	20	C/B	TC-CU
M39029/9 -	133	015-2020-088K	Pin	20	20	C/B	TC-JN
M39029/9 -	134	015-2020-088A	Pin	20	20	C/B	TC-KN
M39029/9 -	135	015-2020-088C	Pin	20	20	C/B	TC-KP
M39029/9 -	136	415-2020-088I	Pin	20	20	C/B	TC-JP
M39029/9 -	514	615-1616-089D	Pin	16	16	C/B	TC-CU
M39029/9 -	515	015-1616-089K	Pin	16	16	C/B	TC-JN
M39029/9 -	516	015-1616-089A	Pin	16	16	C/B	TC-KN
M39029/9 -	517	015-1616-089C	Pin	16	16	C/B	TC-KP
M39029/9 -	518	415-1616-089I	Pin	16	16	C/B	TC-JP



Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### MIL-DTL-26482 Series 2, AS81703 Series 3, MIL-DTL-83723 Series I & III, & MIL-DTL-83733

M39029/10 -	138	616-2020-088D	Skt	20	20	C/B	TC-CU
M39029/10 -	139	016-2020-088K	Skt	20	20	C/B	TC-JN
M39029/10 -	140	016-2020-088A	Skt	20	20	C/B	TC-KN
M39029/10 -	141	016-2020-088C	Skt	20	20	C/B	TC-KP
M39029/10 -	142	416-2020-088I	Skt	20	20	C/B	TC-JP
M39029/10 -	519	616-1616-089D	Skt	16	16	C/B	TC-CU
M39029/10 -	520	016-1616-089K	Skt	16	16	C/B	TC-JN
M39029/10 -	521	016-1616-089A	Skt	16	16	C/B	TC-KN
M39029/10 -	522	016-1616-089C	Skt	16	16	C/B	TC-KP
M39029/10 -	523	416-1616-089I	Skt	16	16	C/B	TC-JP

### Connector Family: AS81659 Series 2

M39029/11 -	144	315-2222-079-L	Pin	22	22	A/B	PWR
M39029/11 -	145	315-2020-081-L	Pin	20	20	A/B	PWR
M39029/11 -	146	315-1616-076-L	Pin	16	16	A/B	PWR
M39029/11 -	147	315-1212-078-L	Pin	12	12	A/B	PWR

### Connector Family: AS81659 Series 2

M39029/12 -	148	316-2222-079-L	Skt	22	22	A/B	PWR
M39029/12 -	149	316-2020-081-L	Skt	20	20	A/B	PWR
M39029/12 -	150	316-1616-076-L	Skt	16	16	A/B	PWR
M39029/12 -	151	316-1212-078-L	Skt	12	12	A/B	PWR

### Connector Family: MIL-C-81511 Series 4

M39029/16 -	166	Consult Factory	Skt	23	28	A/B	PWR
M39029/16 -	167	316-2322-567	Skt	23	22	A/B	PWR
M39029/16 -	168	316-2020-568	Skt	20	20	A/B	PWR
M39029/16 -	169	316-1616-569	Skt	16	16	A/B	PWR
M39029/16 -	170	Consult Factory	Skt	12	12	A/B	PWR

### Connector Family: MIL-C-81511 Series 3

M39029/17 -	171	Consult Factory	Skt	23	28	A/B	PWR
M39029/17 -	172	316-2322-572	Skt	23	22	A/B	PWR
M39029/17 -	173	316-2020-573	Skt	20	20	A/B	PWR
M39029/17 -	174	316-1616-574	Skt	16	16	A/B	PWR
M39029/17 -	175	Consult Factory	Skt	12	12	A/B	PWR

# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: MIL-C-81511 Series 3 & 4

M39029/18 -	176	Consult Factory	Pin	23	28	A/B	PWR
M39029/18 -	177	315-2322-567	Pin	23	22	A/B	PWR
M39029/18 -	178	315-2020-568	Pin	20	20	A/B	PWR
M39029/18 -	179	315-1616-569	Pin	16	16	A/B	PWR
M39029/18 -	180	Consult Factory	Pin	12	12	A/B	PWR

### Connector Families: AS81714 Series II & MIL-C-81511 Series 3 & 4, Class L

M39029/22 -	190	Consult Factory	Skt	22	28	A/B	PWR
M39029/22 -	191	316-2222-191	Skt	22	22	A/B	PWR
M39029/22 -	192	316-2020-192-L	Skt	20	20	A/B	PWR
M39029/22 -	193	316-1616-193	Skt	16	16	A/B	PWR
M39029/22 -	605	Consult Factory	Skt	12	12	A/B	PWR

### Connector Family: MIL-DTL-26482 Series 1

M39029/25 -	204	Consult Factory	Pin	12	Various*	D/A	CX
M39029/25 -	205	Consult Factory	Pin	12	Various*	D/A	CX
M39029/25 -	206	Consult Factory	Pin	12	Various*	D/A	CX

### Connector Family: MIL-DTL-26482 Series 1

M39029/26 -	207	Consult Factory	Skt	12	Various*	D/A	CX
M39029/26 -	208	Consult Factory	Skt	12	Various*	D/A	CX
M39029/26 -	209	Consult Factory	Skt	12	Various*	D/A	CX

### Connector Family: MIL-DTL-38999 Series II

M39029/27 -	210	316-12CX-550	Skt	12	Various*	D/B	CX
M39029/27 -	402	316-12CX-551	Skt	12	Various*	D/B	CX
M39029/27 -	403	316-12CX-552	Skt	12	Various*	D/B	CX
M39029/27 -	404	316-12CX-553	Skt	12	Various*	D/B	CX
M39029/27 -	405	316-12CX-554	Skt	12	Various*	D/B	CX
M39029/27 -	406	316-12CX-555	Skt	12	Various*	D/B	CX
M39029/27 -	407	316-12CX-556	Skt	12	Various*	D/B	CX
M39029/27 -	408	316-12CX-557	Skt	12	Various*	D/B	CX

### Connector Families: MIL-DTL-38999 Series I, II, III & IV

M39029/28 -	211	315-12CX-550	Pin	12	Various*	D/B	CX
M39029/28 -	409	315-12CX-551	Pin	12	Various*	D/B	CX
M39029/28 -	410	315-12CX-552	Pin	12	Various*	D/B	CX
M39029/28 -	411	315-12CX-553	Pin	12	Various*	D/B	CX
M39029/28 -	412	315-12CX-554	Pin	12	Various*	D/B	CX
M39029/28 -	413	315-12CX-555	Pin	12	Various*	D/B	CX
M39029/28 -	414	315-12CX-556	Pin	12	Various*	D/B	CX
M39029/28 -	415	315-12CX-557	Pin	12	Various*	D/B	CX

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: AS50151 Series AS34501 & MIL-DTL-83723 Series 2

M39029/29 -	212	315-1616-091-L	Pin	16	16	A/B	PWR
M39029/29 -	213	915-1212-092	Pin	12	12	A/B	PWR
M39029/29 -	214	915-0808-093	Pin	8	8	A/B	PWR
M39029/29 -	215	915-0404-094	Pin	4	4	A/B	PWR
M39029/29 -	216	915-0000-095	Pin	0	0	A/B	PWR

### Connector Families: AS50151 Series AS34501 & MIL-DTL-83723 Series 2

M39029/30 -	217	316-1616-117-L	Skt	16S	16	A/B	PWR
M39029/30 -	218	316-1616-091-L	Skt	16	16	A/B	PWR
M39029/30 -	219	916-1212-092	Skt	12	12	A/B	PWR
M39029/30 -	220	916-0808-093	Skt	8	8	A/B	PWR
M39029/30 -	221	916-0404-094	Skt	4	4	A/B	PWR
M39029/30 -	222	916-0000-095	Skt	0	0	A/B	PWR



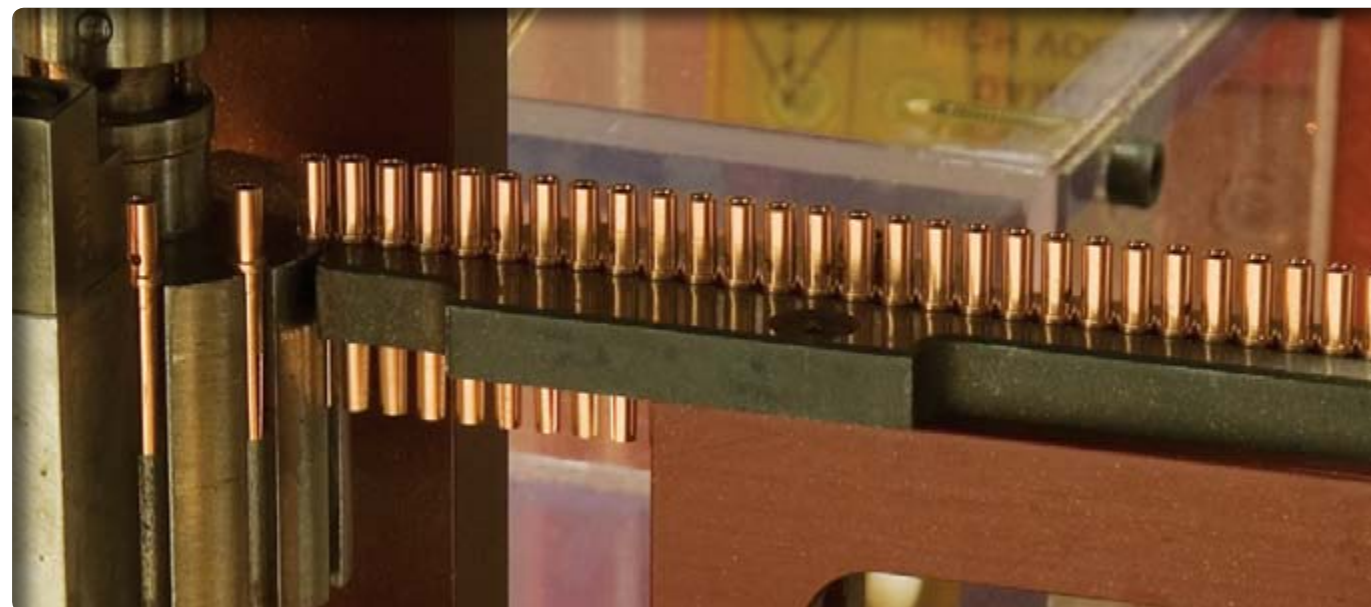


# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
<b>Connector Families: MIL-DTL-26482 Series 1, MIL-DTL-26500 &amp; MIL-DTL-26518</b>							
M39029/31 -	223	317-2020-001-L	Pin	20	20	A/A	PWR
M39029/31 -	224	415-2020-001I	Pin	20	20	C/A	TC-JP
M39029/31 -	225	015-2020-001C	Pin	20	20	C/A	TC-KP
M39029/31 -	226	015-2020-001A	Pin	20	20	C/A	TC-KN
M39029/31 -	227	015-2020-001K	Pin	20	20	C/A	TC-JN
M39029/31 -	228	317-1616-086-L	Pin	16	16	A/A	PWR
M39029/31 -	229	315-1616-086-L	Pin	16	16	A/B	PWR
M39029/31 -	230	415-1616-086I	Pin	16	16	C/A	TC-JP
M39029/31 -	231	015-1616-086C	Pin	16	16	C/A	TC-KP
M39029/31 -	232	015-1616-086A	Pin	16	16	C/A	TC-KN
M39029/31 -	233	015-1616-086K	Pin	16	16	C/A	TC-JN
M39029/31 -	234	317-1212-087-L	Pin	12	12	A/A	PWR
M39029/31 -	235	315-1212-087-L	Pin	12	12	A/B	PWR
M39029/31 -	236	415-1212-087I	Pin	12	12	C/A	TC-JP
M39029/31 -	237	015-1212-087C	Pin	12	12	C/A	TC-KP
M39029/31 -	238	015-1212-087A	Pin	12	12	C/A	TC-KN
M39029/31 -	239	015-1212-087K	Pin	12	12	C/A	TC-JN
M39029/31 -	240	317-2020-085-L	Pin	20	20	A/A	PWR
M39029/31 -	241*	315-2020-085-L	Pin	20	20	A/B	PWR
M39029/31 -	448	317-2020-084-L	Pin	20	20	A/B	PWR
M39029/31 -	627	315-2020-A3085-L	Pin	20	20	A/B	PWR

\*Superseded by M39029/31-627



Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
<b>Connector Families: MIL-DTL-26482 Series 1, MIL-DTL-26500 &amp; MIL-DTL-26518</b>							
M39029/32 -	242	318-2020-001-L	Skt	20	20	A/A	PWR
M39029/32 -	243	416-2020-001I	Skt	20	20	C/A	TC-JP
M39029/32 -	244	016-2020-001C	Skt	20	20	C/A	TC-KP
M39029/32 -	245	016-2020-001A	Skt	20	20	C/A	TC-KN
M39029/32 -	246	016-2020-001K	Skt	20	20	C/A	TC-JN
M39029/32 -	247	318-1616-086-L	Skt	16	16	A/A	PWR
M39029/32 -	248	316-1616-086-L	Skt	16	16	A/B	PWR
M39029/32 -	249	416-1616-086I	Skt	16	16	C/A	TC-JP
M39029/32 -	250	016-1616-086C	Skt	16	16	C/A	TC-KP
M39029/32 -	251	016-1616-086A	Skt	16	16	C/A	TC-KN
M39029/32 -	252	016-1616-086K	Skt	16	16	C/A	TC-JN
M39029/32 -	253	318-1212-087-L	Skt	12	12	A/A	PWR
M39029/32 -	254	316-1212-087-L	Skt	12	12	A/B	PWR
M39029/32 -	255	416-1212-087I	Skt	12	12	C/A	TC-JP
M39029/32 -	256	016-1212-087C	Skt	12	12	C/A	TC-KP
M39029/32 -	257	016-1212-087A	Skt	12	12	C/A	TC-KN
M39029/32 -	258	016-1212-087K	Skt	12	12	C/A	TC-JN
M39029/32 -	259	318-2020-085-L	Skt	20	20	A/A	PWR
M39029/32 -	260	316-2020-085-L	Skt	20	20	A/B	PWR
M39029/32 -	449	318-2020-084-L	Skt	20	20	A/B	PWR

<b>Connector Family: MIL-C-81511 Series 1</b>							
M39029/33 -	262	316-2328-513	Skt	23	28	A/B	PWR
M39029/33 -	264	316-2322-514-L	Skt	23	22	A/B	PWR
M39029/33 -	266	316-2020-515-L	Skt	20	20	A/B	PWR
M39029/33 -	268	Consult Factory	Skt	16	16	A/B	PWR
M39029/33 -	270	Consult Factory	Skt	12	12	A/B	PWR

<b>Connector Families: MIL-DTL-28748/3 &amp; MIL-DTL-28748/13</b>							
M39029/34 -	271	Consult Factory	Pin	20	20	A/A	PWR
M39029/34 -	272	315-1620-519-L	Pin	16	20	A/A	PWR
M39029/34 -	273	315-1616-520-L	Pin	16	16	A/A	PWR
M39029/34 -	440	Consult Factory	Pin	22	22	A/A	PWR

<b>Connector Families: MIL-DTL-28748/3 &amp; MIL-DTL 28748/13</b>							
M39029/35 -	274	Consult Factory	Skt	20	20	A/A	PWR
M39029/35 -	275	316-1620-519-L	Skt	16	20	A/A	PWR
M39029/35 -	276	316-1616-520-L	Skt	16	16	A/A	PWR
M39029/35 -	441	Consult Factory	Skt	22	22	A/A	PWR

# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Family: MIL-DTL-28748/9

M39029/36 -	277	315-1620-521-L	Pin	16	20	A/A	PWR
M39029/36 -	278	315-1616-522-L	Pin	16	16	A/A	PWR

### Connector Family: MIL-DTL-28748/10

M39029/37 -	279	316-1620-521-L	Skt	16	20	A/A	PWR
M39029/37 -	280	316-1616-522-L	Skt	16	16	A/A	PWR

### Connector Family: AS50151 Series AS34001

M39029/44 -	287	315-1622-097-L	Pin	16	22	A/B	PWR
M39029/44 -	288	315-1616-096-L	Pin	16	16	A/B	PWR
M39029/44 -	289	915-1216-125	Pin	12	16	A/B	PWR
M39029/44 -	290	915-1212-098	Pin	12	12	A/B	PWR
M39029/44 -	291	915-0808-099	Pin	8	8	A/B	PWR
M39029/44 -	292	915-0404-100	Pin	4	4	A/B	PWR
M39029/44 -	293	915-0000-101	Pin	0	0	A/B	PWR

### Connector Family: AS50151 Series AS34001

M39029/45 -	294	316-1622-097-L	Skt	16	22	A/B	PWR
M39029/45 -	295	316-1616-096-L	Skt	16	16	A/B	PWR
M39029/45 -	296	916-1216-125	Skt	12	16	A/B	PWR
M39029/45 -	297	916-1212-098	Skt	12	12	A/B	PWR
M39029/45 -	298	916-0808-099	Skt	8	8	A/B	PWR
M39029/45 -	299	916-0404-100	Skt	4	4	A/B	PWR
M39029/45 -	300	916-0000-101	Skt	0	0	A/B	PWR

### Connector Family: MIL-C-81511 Series 2

M39029/46 -	302	316-2328-561	Skt	23	28	A/B	PWR
M39029/46 -	304	316-2322-562	Skt	23	22	A/B	PWR
M39029/46 -	306	Consult Factory	Skt	20	20	A/B	PWR
M39029/46 -	308	Consult Factory	Skt	16	16	A/B	PWR
M39029/46 -	310	Consult Factory	Skt	12	12	A/B	PWR

### Connector Families: MIL-C-81511 Series 1 & 2

M39029/47 -	312	315-2328-561	Pin	23	28	A/B	PWR
M39029/47 -	314	315-2322-562	Pin	23	22	A/B	PWR
M39029/47 -	316	Consult Factory	Pin	20	20	A/B	PWR
M39029/47 -	337	Consult Factory	Pin	16	16	A/B	PWR
M39029/47 -	339	Consult Factory	Pin	12	12	A/B	PWR

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Family: MIL-DTL-22992 Class L

M39029/48 -	317	Consult Factory	Pin	6	6	A/A	PWR
M39029/48 -	318	Consult Factory	Pin	6N	6	A/A	PWR
M39029/48 -	319	Consult Factory	Pin	6G	6	A/A	PWR
M39029/48 -	320	Consult Factory	Pin	4	4	A/A	PWR
M39029/48 -	321	Consult Factory	Pin	4N	4	A/A	PWR
M39029/48 -	322	Consult Factory	Pin	4G	4	A/A	PWR
M39029/48 -	323	Consult Factory	Pin	1/O	1	A/A	PWR
M39029/48 -	324	Consult Factory	Pin	1/ON	1	A/A	PWR
M39029/48 -	325	Consult Factory	Pin	2/O	2/O	A/A	PWR
M39029/48 -	326	Consult Factory	Pin	2/ON	2/O	A/A	PWR
M39029/48 -	327	Consult Factory	Pin	4/O	4/O	A/A	PWR
M39029/48 -	328	Consult Factory	Pin	4/ON	4/O	A/A	PWR

### Connector Family: MIL-DTL-22992 Class L

M39029/49 -	329	Consult Factory	Skt	6	6	A/A	PWR
M39029/49 -	330	Consult Factory	Skt	6G	6	A/A	PWR
M39029/49 -	331	Consult Factory	Skt	4	4	A/A	PWR
M39029/49 -	332	Consult Factory	Skt	4G	4	A/A	PWR
M39029/49 -	333	Consult Factory	Skt	1/O	1	A/A	PWR
M39029/49 -	334	Consult Factory	Skt	2/O	2/O	A/A	PWR
M39029/49 -	335	Consult Factory	Skt	4/O	4/O	A/A	PWR

### Connector Families: MIL-DTL-26500 & MIL-DTL-26518

M39029/55 -	344	Consult Factory	Skt	12	Various*	D/A	CX
M39029/55 -	345	316-08CX-548	Skt	8	Various*	D/A	CX

### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/56 -	348	316-2222-136-L	Skt	22	22D	A/B	PWR
M39029/56 -	349	316-2222-137-L	Skt	22	22M	A/B	PWR
M39029/56 -	350	316-2222-138-L	Skt	22	22	A/B	PWR
M39029/56 -	351	316-2020-139-L	Skt	20	20	A/B	PWR
M39029/56 -	352	316-1616-140-L	Skt	16	16	A/B	PWR
M39029/56 -	353	316-1212-141-L	Skt	12	12	A/B	PWR
M39029/56 -	527	316-1010-231-L	Skt	10	10	A/B	PWR

\*Consult Mil-Spec or CarlisleIT / Tri-Star for cable information

# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: MIL-DTL-24308; MIL-DTL-55302/68, /71, /72, /75, MIL-DTL-38999 Series II & MIL-DTL-83733

M39029/57 -	354	316-2222-103-L	Skt	22	22D	A/B	PWR
M39029/57 -	355 <sup>1</sup>	316-2222-104	Skt	22	22M	A/B	PWR
M39029/57 -	356 <sup>1</sup>	316-2222-105-L	Skt	22	22	A/B	PWR
M39029/57 -	357 <sup>2</sup>	316-2020-106-L	Skt	20	20	A/B	PWR
M39029/57 -	358 <sup>1</sup>	316-1616-107-L	Skt	16	16	A/B	PWR
M39029/57 -	359 <sup>1</sup>	316-1212-108-L	Skt	12	12	A/B	PWR

### Connector Families: MIL-DTL-24308, MIL-DTL-55302/69; MIL-DTL-38999 Series I, II, III & IV & MIL-DTL-83733

M39029/58 -	360 <sup>1</sup>	315-2222-103-L	Pin	22	22D	A/B	PWR
M39029/58 -	361 <sup>1</sup>	315-2222-104-L	Pin	22	22M	A/B	PWR
M39029/58 -	362 <sup>1</sup>	315-2222-105-L	Pin	22	22	A/B	PWR
M39029/58 -	363 <sup>2</sup>	315-2020-106-L	Pin	20	20	A/B	PWR
M39029/58 -	364 <sup>1</sup>	315-1616-107-L	Pin	16	16	A/B	PWR
M39029/58 -	365 <sup>1</sup>	315-1212-108-L	Pin	12	12	A/B	PWR
M39029/58 -	528 <sup>1</sup>	315-1010-231	Pin	10	10	A/B	PWR

<sup>1</sup>NOTE: Not for use with Mil-C-83733, Mil-C-24308 or Mil-C-55302 Connectors

<sup>2</sup>NOTE: Not for use with Mil-C-83733 or Mil-C-24308 Connectors

### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/59 -	366	316-08CX-547	Skt	8	Various*	D/B	CX
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### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/60 -	367	315-08CX-547	Pin	8	Various*	D/B	CX
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### Connector Family: MIL-DTL-24308

M39029/63 -	368	318-2020-055-L	Skt	20	20	A/A	PWR
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### Connector Family: MIL-DTL-24308

M39029/64 -	369	317-2020-055-L	Pin	20	20	A/A	PWR
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### Connector Family: AS85028

M39029/69 -	384	Consult Factory	Skt	16	24	A/A	PWR
M39029/69 -	385	316-1620-602	Skt	16	20	A/A	PWR
M39029/69 -	386	316-1616-602	Skt	16	16	A/A	PWR

### Connector Family: AS85028

M39029/70 -	387	Consult Factory	Pin	16	24	A/A	PWR
M39029/70 -	388	315-1620-602	Pin	16	20	A/A	PWR
M39029/70 -	389	315-1616-602	Pin	16	16	A/A	PWR

\*Consult Mil-Spec or CarlisleIT / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: MIL-DTL-24308; MIL-DTL-55302/69, MIL-DTL-38999 Series I, II, III & IV, & MIL-DTL-83733

M39029/71 -	390	315-22WW-912	Pin	22	WW	A/B	PWR
M39029/71 -	391	315-22WW-103	Pin	22	WW	A/B	PWR
M39029/71 -	392	315-22WW-127	Pin	22	WW	A/B	PWR

### Connector Families: MIL-DTL-24308, MIL-DTL-55302/68, /71, /75, & MIL-DTL-38999 Series I, II, III & IV

M39029/72 -	393	316-22WW-912	Skt	22	WW	A/A	PWR
M39029/72 -	394	316-22WW-103	Skt	22	WW	A/A	PWR
M39029/72 -	395	316-22WW-127	Skt	22	WW	A/A	PWR
M39029/72 -	524	316-22W1-157	Skt	22	WW	A/A	PWR
M39029/72 -	525	316-22WW-345	Skt	22	WW	A/A	PWR
M39029/72 -	526	316-22WW-038	Skt	22	WW	A/A	PWR

### Connector Families: MIL-DTL-26482 Series 2, MIL-DTL-83723 Series III; MIL-DTL-83733, & MIL-DTL-83527

M39029/73 -	396	Consult Factory	Skt	12	Various*	D/A	CX
M39029/73 -	397	316-12CX-610	Skt	12	Various*	D/A	CX
M39029/73 -	398	316-12CX-611	Skt	12	Various*	D/A	CX
M39029/73 -	555 <sup>1</sup>	Consult Factory	Skt	12	Various*	D/A	CX

### Connector Families: MIL-DTL-26482 Series 2, MIL-DTL-83723 Series III, MIL-DTL-83733 & MIL-DTL-83527

M39029/74 -	399	Consult Factory	Pin	12	Various*	D/A	CX
M39029/74 -	400	315-12CX-610	Pin	12	Various*	D/A	CX
M39029/74 -	401	315-12CX-611	Pin	12	Various*	D/A	CX

### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/75 -	416	316-12CX-616	Skt	12	Various*	D/B	CX
M39029/75 -	417	316-12CX-617	Skt	12	Various*	D/B	CX
M39029/75 -	418	316-12CX-618	Skt	12	Various*	D/B	CX
M39029/75 -	419	316-12CX-619	Skt	12	Various*	D/B	CX
M39029/75 -	420	316-12CX-620	Skt	12	Various*	D/B	CX
M39029/75 -	421	316-12CX-621	Skt	12	Various*	D/B	CX
M39029/75 -	422	316-12CX-622	Skt	12	Various*	D/B	CX
M39029/75 -	423	316-12CX-623	Skt	12	Various*	D/B	CX

<sup>1</sup>NOTE: For use with DOD-C-83527 Connectors

### Connector Families: MIL-DTL-38999 Series I, II, III & IV

M39029/76 -	424	315-16CX-624	Pin	16	Various*	D/B	CX
M39029/76 -	425	315-16CX-625	Pin	16	Various*	D/B	CX
M39029/76 -	426	315-16CX-626	Pin	16	Various*	D/B	CX
M39029/76 -	427	315-16CX-627	Pin	16	Various*	D/B	CX

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# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/77 -	428	316-16CX-628	Skt	16	Various*	D/B	CX
M39029/77 -	429	316-16CX-629	Skt	16	Various*	D/B	CX
M39029/77 -	430	316-16CX-630	Skt	16	Various*	D/B	CX
M39029/77 -	431	316-16CX-631	Skt	16	Various*	D/B	CX

### Connector Families: MIL-DTL-38999 Series II

M39029/78 -	432	316-16CX-624	Skt	16	Various*	D/B	CX
M39029/78 -	433	316-16CX-625	Skt	16	Various*	D/B	CX
M39029/78 -	434	316-16CX-626	Skt	16	Various*	D/B	CX
M39029/78 -	435	316-16CX-627	Skt	16	Various*	D/B	CX

### Connector Family: MIL-DTL-28748/9

M39029/79 -	436	315-16CX-612	Pin	16	Various*	D/A	CX
M39029/79 -	437	315-16CX-613	Pin	16	Various*	D/A	CX

### Connector Family: MIL-DTL-28748/10

M39029/80 -	438	316-16CX-612	Skt	16	Various*	D/A	CX
M39029/80 -	439	316-16CX-613	Skt	16	Various*	D/A	CX

### Connector Family: MIL-DTL-28840

M39029/83 -	450	315-2022-915-L	Pin	20	22	A/B	PWR
M39029/83 -	451	315-2028-915-L	Pin	20	28	A/B	PWR
M39029/83 -	508	315-2020-915-L	Pin	20	20	A/B	PWR

### Connector Family: MIL-DTL-28840

M39029/84 -	452	316-2022-915-L	Skt	20	22	A/B	PWR
M39029/84 -	453	316-2028-915-L	Skt	20	28	A/B	PWR
M39029/84 -	509	316-2020-915-L	Skt	20	20	A/B	PWR

### Connector Families: AS50151 Series AS34501 & MIL-DTL-83723 Series II

M39029/85 -	454	015-1616-091K	Pin	16	16	C/B	TC-JN
M39029/85 -	455	015-1616-091A	Pin	16	16	C/B	TC-KN
M39029/85 -	456	015-1616-091C	Pin	16	16	C/B	TC-KP
M39029/85 -	457	415-1616-091I	Pin	16	16	C/B	TC-JP
M39029/85 -	458	015-1212-092K	Pin	12	12	C/B	TC-JN
M39029/85 -	459	015-1212-092A	Pin	12	12	C/B	TC-KN
M39029/85 -	460	015-1212-092C	Pin	12	12	C/B	TC-KP
M39029/85 -	461	415-1212-092I	Pin	12	12	C/B	TC-JP

\*Consult Mil-Spec or CarlisleIT / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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### Connector Families: AS50151 Series AS34501 & MIL-DTL-83723 Series II

M39029/86 -	462	016-1616-091K	Skt	16	16	C/B	TC-JN
M39029/86 -	463	016-1616-091A	Skt	16	16	C/B	TC-KN
M39029/86 -	464	016-1616-091C	Skt	16	16	C/B	TC-KP
M39029/86 -	465	416-1616-091I	Skt	16	16	C/B	TC-JP
M39029/86 -	466	016-1212-092K	Skt	12	12	C/B	TC-JN
M39029/86 -	467	016-1212-092A	Skt	12	12	C/B	TC-KN
M39029/86 -	468	016-1212-092C	Skt	12	12	C/B	TC-KP
M39029/86 -	469	416-1212-092I	Skt	12	12	C/B	TC-JP
M39029/86 -	510	016-1616-117K	Skt	16S	16	C/B	TC-JN
M39029/86 -	511	016-1616-117A	Skt	16S	16	C/B	TC-KN
M39029/86 -	512	016-1616-117C	Skt	16S	16	C/B	TC-KP
M39029/86 -	513	416-1616-117I	Skt	16S	16	C/B	TC-JP

### Connector Families: MIL-DTL-24308, MIL-DTL-38999 Series I, II, III & IV, & MIL-DTL-83733

M39029/87 -	470	015-2222-103K	Pin	22	22D	C/B	TC-JN
M39029/87 -	471	015-2222-103A	Pin	22	22D	C/B	TC-KN
M39029/87 -	472	015-2222-103C	Pin	22	22D	C/B	TC-KP
M39029/87 -	473	415-2222-103I	Pin	22	22D	C/B	TC-JP
M39029/87 -	474 <sup>1</sup>	015-2020-106K	Pin	20	20	C/B	TC-JN
M39029/87 -	475 <sup>1</sup>	015-2020-106A	Pin	20	20	C/B	TC-KN
M39029/87 -	476 <sup>1</sup>	015-2020-106C	Pin	20	20	C/B	TC-KP
M39029/87 -	477 <sup>1</sup>	415-2020-106I	Pin	20	20	C/B	TC-JP
M39029/87 -	478 <sup>1</sup>	015-1616-107K	Pin	16	16	C/B	TC-JN
M39029/87 -	479 <sup>1</sup>	015-1616-107A	Pin	16	16	C/B	TC-KN
M39029/87 -	480 <sup>1</sup>	015-1616-107C	Pin	16	16	C/B	TC-KP
M39029/87 -	481 <sup>1</sup>	415-1616-107I	Pin	16	16	C/B	TC-JP

<sup>1</sup>NOTE: Not for use with Mil-C-83733 or Mil-C-24308 Connectors

### Connector Families: MIL-DTL-38999 Series I, III & IV

M39029/88 -	482	016-2222-136K	Skt	22	22D	C/B	TC-JN
M39029/88 -	483	016-2222-136A	Skt	22	22D	C/B	TC-KN
M39029/88 -	484	016-2222-136C	Skt	22	22D	C/B	TC-KP
M39029/88 -	485	416-2222-136I	Skt	22	22D	C/B	TC-JP
M39029/88 -	486	016-2020-139K	Skt	20	20	C/B	TC-JN
M39029/88 -	487	016-2020-139A	Skt	20	20	C/B	TC-KN
M39029/88 -	488	016-2020-139C	Skt	20	20	C/B	TC-KP
M39029/88 -	489	416-2020-139I	Skt	20	20	C/B	TC-JP
M39029/88 -	490	016-1616-140K	Skt	16	16	C/B	TC-JN
M39029/88 -	491	016-1616-140A	Skt	16	16	C/B	TC-KN
M39029/88 -	492	016-1616-140C	Skt	16	16	C/B	TC-KP
M39029/88 -	493	416-1616-140I	Skt	16	16	C/B	TC-JP

# Tri-Star Contact Selection Guide

## Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
<b>Connector Families: MIL-DTL-38999 Series II, MIL-DTL-83733 &amp; MIL-DTL-24308</b>							
M39029/89 -	494	016-2222-103K	Skt	22	22D	C/B	TC-JN
M39029/89 -	495	016-2222-103A	Skt	22	22D	C/B	TC-KN
M39029/89 -	496	016-2222-103C	Skt	22	22D	C/B	TC-KP
M39029/89 -	497	416-2222-103I	Skt	22	22D	C/B	TC-JP
M39029/89 -	498 <sup>1</sup>	016-2020-106K	Skt	20	20	C/B	TC-JN
M39029/89 -	499 <sup>1</sup>	016-2020-106A	Skt	20	20	C/B	TC-KN
M39029/89 -	500 <sup>1</sup>	016-2020-106C	Skt	20	20	C/B	TC-KP
M39029/89 -	501 <sup>1</sup>	416-2020-106I	Skt	20	20	C/B	TC-JP
M39029/89 -	502 <sup>1</sup>	016-1616-107K	Skt	16	16	C/B	TC-JN
M39029/89 -	503 <sup>1</sup>	016-1616-107A	Skt	16	16	C/B	TC-KN
M39029/89 -	504 <sup>1</sup>	016-1616-107C	Skt	16	16	C/B	TC-KP
M39029/89 -	505 <sup>1</sup>	416-1616-107I	Skt	16	16	C/B	TC-JP

<sup>1</sup>NOTE: Not for use with Mil-C-83733 or Mil-C-24308 Connectors

<b>Connector Family: MIL-DTL-38999 Series III</b>							
M39029/90 -	529	315-08CX-232	Pin	8	Various*	D/B	CX

<b>Connector Family: MIL-DTL-38999 Series III</b>							
M39029/91 -	530	316-08CX-232-1	Skt	8	Various*	D/B	CX

<b>Connector Families: MIL-PRF-6106, MIL-DTL-12883/40 &amp; /41 Relay Sockets</b>							
M39029/92 -	531	Consult Factory	Skt	22	22	A/A	PWR
M39029/92 -	532	316-2020-634	Skt	20	20	A/A	PWR
M39029/92 -	533	316-1616-634-L	Skt	16	16	A/A	PWR
M39029/92 -	534	316-1620-634-L	Skt	16	20	A/A	PWR
M39029/92 -	535	316-1212-634-L	Skt	12	12	A/A	PWR
M39029/92 -	536	316-1216-634-L	Skt	12	16	A/A	PWR

<b>Connector Family: MIL-DTL-83527</b>							
M39029/93 -	597	315-2222-306	Pin	22	22	A/B	PWR
M39029/93 -	598	315-2020-306	Pin	20	20	A/B	PWR
M39029/93 -	539	315-1616-306-L	Pin	16	16	A/B	PWR
M39029/93 -	540	315-1212-306	Pin	12	12	A/B	PWR

<b>Connector Family: MIL-DTL-83527</b>							
M39029/94 -	601	316-2222-306	Skt	22	22	A/B	PWR
M39029/94 -	602	316-2020-306	Skt	20	20	A/B	PWR
M39029/94 -	603	316-1616-306-L	Skt	16	16	A/B	PWR
M39029/94 -	604	316-1212-306	Skt	12	12	A/B	PWR

\*Consult Mil-Spec or CarlisleIT / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type / Class	Application
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<b>Connector Families: MIL-DTL-12883/44, /45 &amp; /46, &amp; MIL-PRF-6106/23 Relay</b>							
M39029/101 -	551	316-2228-194	Skt	22	28	A/A	PWR
M39029/101 -	552	316-2222-194	Skt	22	22	A/A	PWR
M39029/101 -	553	316-2020-194-L	Skt	20	20	A/A	PWR
M39029/101 -	554	316-1616-194	Skt	16	16	A/A	PWR

<b>Connector Families: MIL-DTL-38999 Series I, II, III &amp; IV</b>							
M39029/102 -	558	315-12CX-950	Pin	12	Various*	D/B	CX

<b>Connector Families: MIL-DTL-38999 Series I, III &amp; IV</b>							
M39029/103 -	559	316-12CX-950	Skt	12	Various*	D/B	CX

<b>Connector Families: MIL-DTL-38999 Series I, III, &amp; IV, MIL-DTL-55302 &amp; AS29600 Series A</b>							
M39029/106 -	614	L16-2222-136	Skt	22	22D	A/B	PWR
M39029/106 -	615	L16-2020-139	Skt	20	20	A/B	PWR
M39029/106 -	616	L16-1616-140	Skt	16	16	A/B	PWR
M39029/106 -	617	L16-1212-141	Skt	12	12	A/B	PWR
M39029/106 -	618	L16-1010-231	Skt	10	10	A/B	PWR

<b>Connector Families: MIL-DTL-38999 Series I, III, &amp; IV, MIL-DTL-55302 &amp; AS29600 Series A</b>							
M39029/107 -	620	L15-2222-103	Pin	22	22D	A/B	PWR
M39029/107 -	621	L15-2020-104	Pin	20	20	A/B	PWR
M39029/107 -	622	L15-1616-107	Pin	16	16	A/B	PWR
M39029/107 -	623	L15-1212-108	Pin	12	12	A/B	PWR
M39029/107 -	624	L15-1010-231	Pin	10	10	A/B	PWR

<b>Connector Families: Contact Bushing, Wire Crimp Barrel Reducer</b>							
M39029/112	8-10	900062-8-10	N/A	8	10	N/A	N/A
M39029/112	4-6	900062-4-6	N/A	4	6	N/A	N/A
M39029/112	0-2	900062-0-2	N/A	1/0	2	N/A	N/A
M39029/112	4-6L	900062-4-6L	N/A	4	6	N/A	N/A
M39029/112	1-2L	900062-1-2L	N/A	1	2	N/A	N/A
M39029/112	4-5L	900062-4-5L	N/A	4	5	N/A	N/A
M39029/112	6-8L	900062-6-8L	N/A	6	8	N/A	N/A
M39029/112	6-9L	900062-6-9L	N/A	6	9	N/A	N/A
M39029/112	1-6L	900062-1-6L	N/A	1	6	N/A	N/A
M39029/112	4/0-2/0L	900062-4/0-2/0L	N/A	4/0	2/0	N/A	N/A
M39029/112	4-8L	900062-4-8L	N/A	4	8	N/A	N/A
M39029/112	6-10L	900062-6-10L	N/A	6	10	N/A	N/A

<b>Connector Families: MIL-DTL-38999 Series I, III &amp; IV</b>							
M39029/113 -	625	315-08TX-A0136	Pin	8	Various*	D/B	TX

<b>Connector Families: MIL-DTL-38999 Series I, III &amp; IV</b>							
M39029/114 -	628	316-08TX-A0136	Skt	8	Various*	D/B	TX

Soon to be released: M39029/117, M39029/118, M39029/121 & M39029/123 - Consult CarlisleIT / Tri-Star for more information.

\*Consult Mil-Spec or CarlisleIT / Tri-Star for cable information

# Contact Selection Guide by Connector Military Specification

## HOW TO USE THIS CROSS REFERENCE SELECTION GUIDE

To find the appropriate contact for any connector covered by the Military Specifications listed herein, locate the pertinent Mil-Spec and Series, Class or /# in the column at the left, and columns to the right will

refer you to the proper M39029/X Section(s) for the correct power, thermocouple, wire-wrap or coaxial pin or socket contact for that particular connector.

Connector Mil-Spec	Series Class Or /#	Power		Thermocouple		Wire-Wrap		Coaxial	
		Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
Common Terminal System (CTS)	-	-	/22	-	-	-	-	-	-
MIL-DTL-5015	AS3400	/44	/45	-	-	-	-	-	-
	AS3450	/29	/30	/85	/86	-	-	-	-
MIL-DTL-22992	L	/48	/49	-	-	-	-	-	-
MIL-DTL-24308	-	/58	/57	/87	/89	/71	/72	/65	/66
		/64	/63	-	-	-	-	/68	/67
		-	-	-	-	-	-	/76	/78
MIL-DTL-26482	I	/31	/32	/31	/32	-	-	/23	/24
	II	/4	/5	/9	/10	-	-	/7	/8
MIL-DTL-26500	-	/31	/32	/31	/32	-	-	/54	/55
MIL-DTL-26518	-	/31	/32	/31	/32	-	-	/54	/55
MIL-DTL-28748	-	/3	/34	-	-	-	-	/40	-
		/4	-	/35	-	-	-	/43	-
		/9	/36	-	-	-	-	-	/41
		/10	-	/37	-	-	-	/43	/42
		/13	/34	-	-	-	-	/79	/80
MIL-DTL-28840	-	/83	/84	-	-	-	-	/104	/105
MIL-DTL-38999	I	/58	/56	/87	/88	/71	/72	/28	/75
		-	-	-	-	-	-	/60	/59
		-	-	-	-	-	-	/76	/77
		-	-	-	-	-	-	/102	/103
		-	-	-	-	-	-	/113	/114
	II	/58	/57	/87	/89	/71	/72	/28	/27
		-	-	-	-	-	-	/76	/78
		-	-	-	-	-	-	/102	-
	III	/58	/56	/87	/88	/71	/72	/28	/75
		-	-	-	-	-	-	/60	/59
		/107	/106	-	-	-	-	/76	/77
		-	-	-	-	-	-	/90	/91
		-	-	-	-	-	-	/102	/103
		-	-	-	-	-	-	/113	/114

Connector Mil-Spec	Series Class Or /#	Power		Thermocouple		Wire-Wrap		Coaxial		
		Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt	
MIL-DTL-38999	IV	/58	/56	/87	/88	/71	/72	/28	/75	
		-	-	-	-	-	-	/60	/59	
		-	-	-	-	-	-	/76	/77	
		-	-	-	-	-	-	/102	/103	
		-	-	-	-	-	-	/113	/114	
MIL-DTL-55302	-	/68	/57	-	-	-	/72	-	-	
		/69	/58	-	-	-	/71	-	-	
		/71	-	/57	-	-	-	/72	-	
		/72	-	/57	-	-	-	-	-	
MIL-DTL-81511	-	/75	/57	-	-	-	/72	-	-	
		I	/47	/33	-	-	-	-	/6	/13
		II	/47	/46	-	-	-	-	/6	/14
		III	/18	/17	-	-	-	-	/19	/21
-	/22		-	-	-	-	-	-		
AS81659	-	IV	/17	/16	-	-	-	-	/19	/21
		-	/22	-	-	-	-	-	-	
AS81703	-	I	/2	/3	-	-	-	-	-	
		II	/11	/12	-	-	-	-	-	
MIL-DTL-83527	-	III	/31	/32	/31	/32	-	-	-	
		-	/4	/5	/9	/10	-	-	/7	/8
MIL-DTL-83723	-	III	-	-	-	-	-	-	/74	/73
		-	/93	/94	-	-	-	-	/96	/95
MIL-DTL-83733	-	-	-	-	-	-	-	/97	/98	
		-	-	-	-	-	-	/99	/100	
AS85028	-	I	/4	/5	/9	/10	/71	/72	/7	/8
		II	-	-	-	-	-	-	/74	/73
		III	/29	/30	/85	/86	-	-	-	-
MIL-S-12883	-	III	/4	/5	/9	/10	-	-	/7	/8
		-	-	-	-	-	-	-	/74	/73
		-	/4	/5	/9	/10	-	-	/7	/8
AS81714	-	-	/58	/57	/87	/86	-	-	/50	/51
		-	-	-	-	-	-	-	/74	/73
		AS	/70	/69	-	-	-	-	-	-
		IV	/40	/92	-	-	-	-	-	-
		IV	/41	/92	-	-	-	-	-	-
AS81714	-	IV	/44	/101	-	-	-	-	-	
		IV	/45	/101	-	-	-	-	-	
		IV	/46	/101	-	-	-	-	-	
AS81714	-	/1	-	-	-	-	-	-		





## Custom Contacts

### We Can Meet Your Requirements

#### SPECIAL ORDERING INSTRUCTIONS

In addition to all of the standard CarlisleIT/Tri-Star, AS39029 specified, and cross-referenced configurations listed in this catalog, we also manufacture custom crimp, printed circuit, thermocouple, coaxial (shielded), solder cup and wire-wrap contacts for most connectors. Should you be unable to find the contact required for your specific application listed in this catalog, we can meet your requirements through a custom order. We require the information specified below in order to provide you with an accurate quote for your custom contact needs.

#### Crimp, Coaxial, Solder Cup, Other Custom

Contact the factory with your material and dimensional requirements and we will promptly provide you with a quotation.

#### Thermocouple Contacts

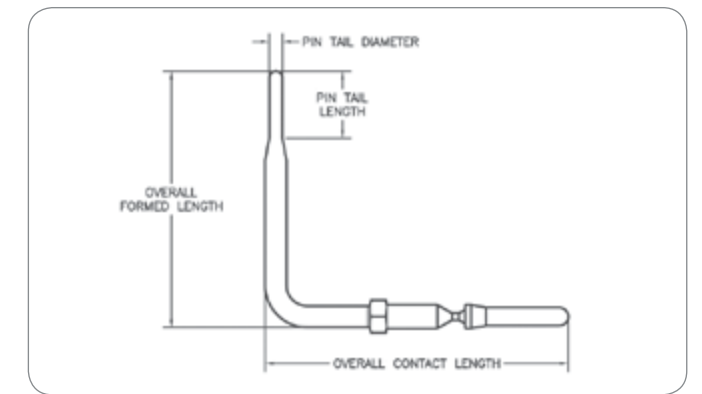
For thermocouple versions of standard power contacts, only the cross reference information and material specification are required.

#### Wire-Wrap Contacts

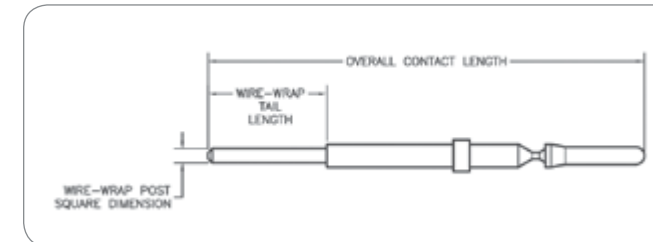
For wire-wrap terminations, in addition to the power contact or connector cross reference, we will also need the following dimensional information: (1) overall contact length; (2) length of the wire-wrap tail; and (3) the square dimension of the wire-wrap post.

#### Printed Circuit Contacts

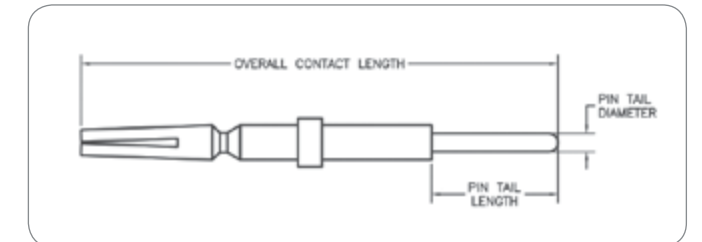
For PC type contacts, in addition to the power contact or connector cross reference, we will also need the following dimensional information: (1) overall contact length; (2) pin tail length; (3) pin tail diameter; and (4) for right angle PC Tail contacts, both lengths of the right angle portions.



PC Right Angle Contact

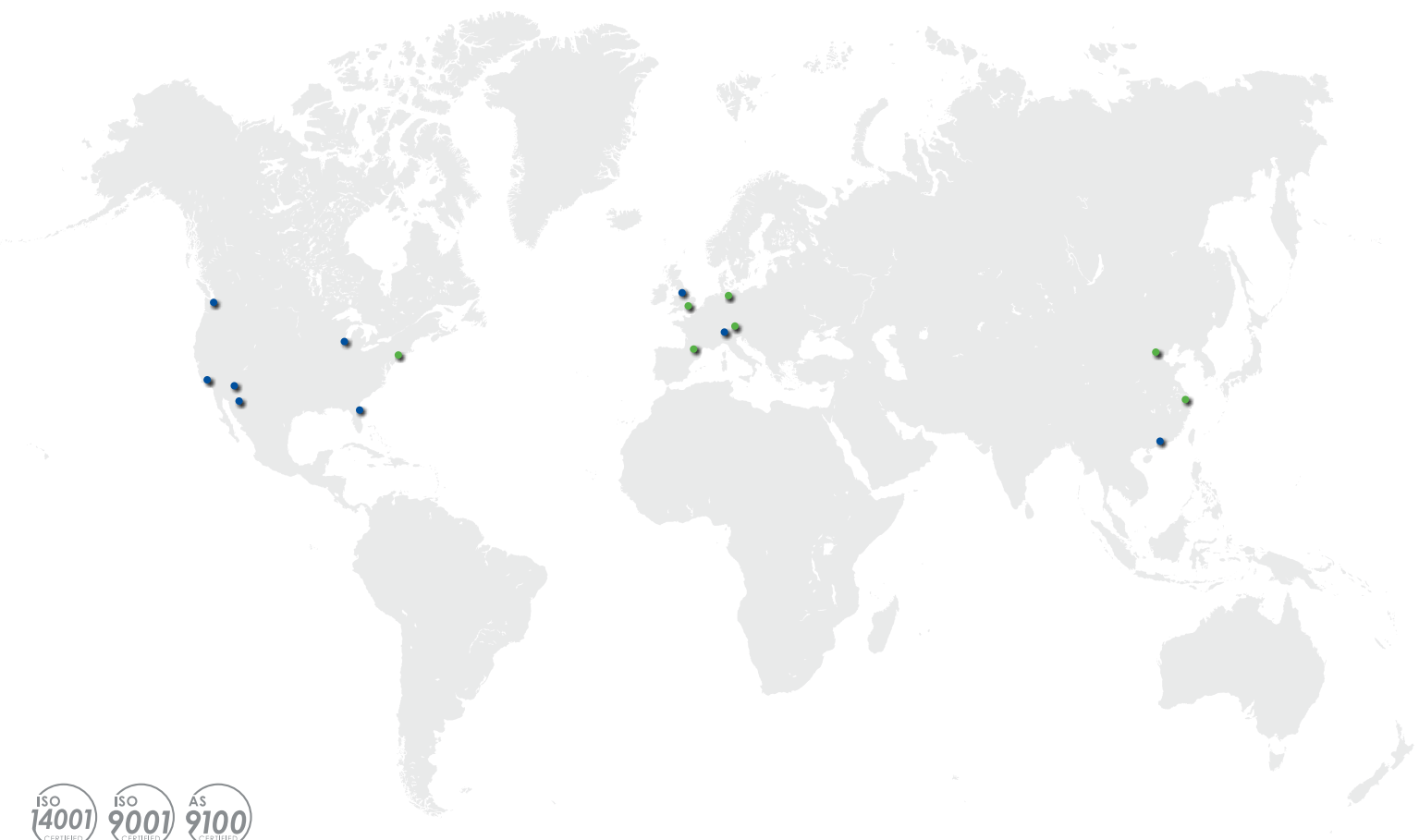


Wire-Wrap Contact



PC Tail Contact





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