

Industrial Contacts

Compatible with Amphenol CIT PKB/944/MGT/AT, Conesys AE55X, Deutsch AFD/DT, and ITT Cannon CV/PV Connector Series



INTRODUCTION

We are the global manufacturer of the highly reliable Tri-Star® Brand contacts for harsh environment and mission-critical applications, with the widest QPL range in the industry. We serve OEM customers in aerospace, defense, space, and industrial markets worldwide. Powered by decades of experience with industrial market customers in the automotive, heavy equipment, and energy sectors, we are the preferred supplier of industrial-style contacts for never-fail applications. We have a wide global sales and distribution network. Annually we process more than 300 million contacts entirely in-house at our Tri-Star facilities – from raw material to finished product – and are the one-stop-shop for all of your industrial contacts needs.

» Full range of contact types:

- Signal & Power (Sizes 22 - 0)
- Thermocouple (Alumel, Chromel, Iron, Constantan, and More; Sizes 22 - 12)
- RF (Coaxial, Twinax, and Triax; Sizes 16 - 08)

» Customized solutions with competitive lead times.

» On-site experienced design engineering and test laboratory teams offering:

- Complex and high-performance contact development
- Qualification capabilities

HIGH-VOLUME MANUFACTURING PROCESSES & CAPABILITIES



Blank Manufacturing using Cold Heading and Screw Machine

Automated Plating Lines (Full Plating & Selective Plating)

Final Assembly (Hooding & Striping/Color Banding)

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								EQUIVALENT CONNECTOR MANUFACTURER REFERENCE P/N			
SPEC/SHEET	BIN	TRI-STAR P/N	CONTACT STYLE	CONTACT SIZE	WIRE BARREL SIZE	TYPE/CLASS	APPLICATION	Amphenol CIT † P/N	CONESYS/J-TECH‡ P/N	DEUTSCH P/N	ITT CANNON* P/N
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES 2											
M39029/29 -	212	315-1616-091-L	Pin	16	16	A/B	PWR	M5000-029-0016L	541-110-1616	0660-206-1631L	980-0009-501
M39029/29 -	213	915-1212-092	Pin	12	12	A/B	PWR	M5000-029-0012	541-220-1212	0660-206-1282L	980-0009-502
M39029/29 -	214	915-0808-093	Pin	8	8	A/B	PWR	M5000-029-0008	541-220-0808	0660-206-0882	980-0009-503
M39029/29 -	215	915-0404-094	Pin	4	4	A/B	PWR	M5000-029-0004	541-220-0404	0660-206-0482	980-0009-504
M39029/29 -	216	915-0000-095	Pin	0	0	A/B	PWR	-	541-220-0101	0660-206-0082	980-0009-505
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES 2											
M39029/30 -	217	316-1616-117-L	Skt	16S	16	A/B	PWR	M5100-033-1601L	542-110-1616S	0662-212-1631L	980-0009-495
M39029/30 -	218	316-1616-091-L	Skt	16	16	A/B	PWR	M5100-033-1602L	542-110-1616	0662-207-1631L	980-0009-496
M39029/30 -	219	916-1212-092	Skt	12	12	A/B	PWR	M5100-033-0012	542-220-1212	0662-207-1282L	980-0009-497
M39029/30 -	220	916-0808-093	Skt	8	8	A/B	PWR	M5100-033-0008	542-220-0808	0662-207-0882	980-0009-498
M39029/30 -	221	916-0404-094	Skt	4	4	A/B	PWR	-	542-220-0404	0662-207-0482	980-0009-452
M39029/30 -	222	916-0000-095	Skt	0	0	A/B	PWR	-	542-220-0101	0662-207-0082	980-0009-500
CONNECTOR FAMILY: AS50151 SERIES AS34001											
M39029/44 -	287	315-1622-097-L	Pin	16	22	A/B	PWR	-	511-110-1622	-	980-6000-527
M39029/44 -	288	315-1616-096-L	Pin	16	16	A/B	PWR	-	511-110-1616	-	-
M39029/44 -	289	915-1216-125	Pin	12	16	A/B	PWR	-	511-220-1216	-	-
M39029/44 -	290	915-1212-098	Pin	12	12	A/B	PWR	-	511-220-1212	-	-
M39029/44 -	291	915-0808-099	Pin	8	8	A/B	PWR	-	511-220-0808	-	-
M39029/44 -	292	915-0404-100	Pin	4	4	A/B	PWR	-	511-220-0404	-	-
M39029/44 -	293	915-0000-101	Pin	0	0	A/B	PWR	-	511-320-0101	-	-
CONNECTOR FAMILY: AS50151 SERIES AS34001											
M39029/45 -	294	316-1622-097-L	Skt	16	22	A/B	PWR	-	512-110-1622	-	-
M39029/45 -	295	316-1616-096-L	Skt	16	16	A/B	PWR	-	512-110-1616	-	-
M39029/45 -	296	916-1216-125	Skt	12	16	A/B	PWR	-	512-220-1216	-	-
M39029/45 -	297	916-1212-098	Skt	12	12	A/B	PWR	-	512-220-1212	-	-
M39029/45 -	298	916-0808-099	Skt	8	8	A/B	PWR	-	512-220-0808	-	-
M39029/45 -	299	916-0404-100	Skt	4	4	A/B	PWR	-	512-220-0404	-	-
M39029/45 -	300	916-0000-101	Skt	0	0	A/B	PWR	-	512-220-0101	-	-
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	-	-	-	-
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	-	-	-	-

† PKB/944/MGT Series (Reverse Bayonet Coupling) § AE55X Series * CV Series

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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	BA-4020-36LD	-	0641-1-2031L	980-0008-885	
M39029/4 -	111	315-1616-089-L	Pin	16	16	A/B	PWR	BA-4016-36LD	-	0641-2-1631L	980-0008-886	
M39029/4 -	112	315-1620-123-L	Pin	16	20	A/B	PWR	-	-	109026-31	-	
M39029/4 -	113	315-1212-090-L	Pin	12	12	A/B	PWR	BA-4012-36LD	-	0641-3-1231L	980-0008-887	
M39029/4 -	114	315-1216-124-L	Pin	12	16	A/B	PWR	-	-	109028-31L	-	
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	BA-4120-36LD	-	100503L	980-0008-882	
M39029/5 -	116	316-1616-089-L	Skt	16	16	A/B	PWR	BA-4116-36LD	-	100504L	980-0008-883	
M39029/5 -	117	316-1620-123-L	Skt	16	20	A/B	PWR	-	-	109027L	-	
M39029/5 -	118	316-1212-090-L	Skt	12	12	A/B	PWR	BA-4112-36LD	-	100505L	980-0008-884	
M39029/5 -	119	316-1216-124-L	Skt	12	16	A/B	PWR	-	-	109029L	-	
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	-	-	-	-	
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	-	-	7362-225-1601	-	
M39029/10 -	522	016-1616-089C	Skt	16	16	C/B	TC-KP	-	-	7362-226-1601	-	
M39029/10 -	523	416-1616-089I	Skt	16	16	C/B	TC-JP	-	-	-	-	

† AT Series ∞ AFD and DT Series ** PV Series

Global Manufacturing. Local Support.

Wherever you are, so are we. With manufacturing centers around the globe, our highly qualified team is up to any challenge. Our extensive worldwide manufacturing capabilities, coupled with end-to-end local project management and engineering support, allow us to design, build, test, and certify your product in-house, saving you the time and hassle of managing multiple vendors.



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PRODUCT CERTIFICATIONS



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