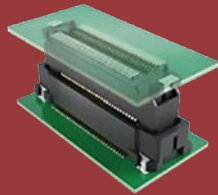
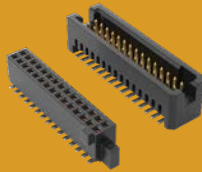




The IP&E  
Specialist

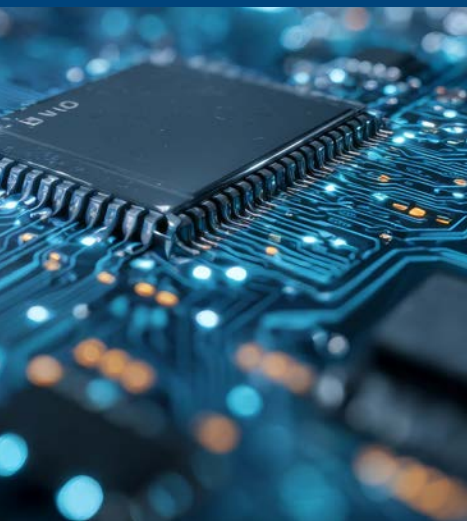
# Interconnect Components



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	3M	Amphenol	Amphenol Communications Solutions (ACS)/Amphenol Commercial/FCI/TCS	Amphenol PCD	Amphenol Positronic	Bourns	HARTING	Harwin	INCON Inc.	ITT Cannon	JAE Electronics	KYOCERA AVX - Elco	Molex	OMRON	Panasonic	Samtec	Smiths Interconnect	Souriau (Eaton)	TE Connectivity
<b>BACKPLANE</b>																			
BOARD-TO-BOARD																			
DEVICE-TO-BOARD																			
10 Gb/s+ Solutions	◆	◆	◆						◆			◆	◆	◆	◆	◆	◆	◆	◆
2.00 mm (.079 inch)	◆		◆						◆			◆	◆				◆	◆	◆
AOC Assemblies	◆		◆										◆		◆				◆
Assemblies (Backplane)	◆		◆										◆						◆
ATCA/MicroTCA	◆		◆									◆	◆						◆
Cable Assemblies	◆	◆	◆				◆		◆			◆	◆				◆	◆	◆
Card Edge	◆	◆	◆						◆	◆			◆				◆	◆	◆
Compact PCI	◆	◆	◆		◆				◆			◆	◆				◆	◆	◆
DIN 41612 (Eurocard)	◆		◆				◆					◆	◆	◆					◆
Fiber Optic	◆	◆	◆	◆			◆						◆				◆	◆	◆
Future Bus	◆		◆				◆						◆						◆
Hard Metric	◆		◆				◆					◆	◆						◆
High-Speed Cable Assemblies	◆	◆	◆										◆				◆	◆	◆
PCI Express	◆	◆	◆						◆				◆				◆	◆	◆
Power	◆		◆	◆	◆		◆					◆	◆				◆	◆	◆
RF / Ganged RF			◆										◆				◆	◆	◆
SCA-2			◆										◆						◆
VPX (Ruggedized, Embedded)		◆															◆	◆	◆
<b>BOARD-TO-BOARD</b>																			
Ball Grid Array (BGA)	◆		◆										◆						◆
Battery Connectors			◆		◆		◆	◆				◆	◆	◆					◆
Board Stacking	◆	◆	◆				◆	◆				◆	◆	◆	◆				◆
Breakaway Headers	◆	◆	◆										◆						◆
Compression	◆		◆					◆				◆	◆	◆					◆
Headers & Receptacles	◆	◆	◆	◆	◆		◆	◆				◆	◆	◆			◆	◆	◆
Mezzanine/FPC	◆		◆	◆			◆					◆	◆	◆	◆				◆
Power	◆	◆	◆	◆	◆		◆	◆	◆	◆		◆	◆	◆					◆
SCSI	◆	◆	◆		◆		◆						◆						◆
Shunts	◆	◆	◆					◆					◆						◆
Stacking	◆	◆	◆		◆		◆	◆				◆	◆	◆	◆	◆	◆	◆	◆
<b>DEVICE-TO-BOARD</b>																			
AOC Assemblies	◆		◆										◆						◆
DIMM			◆										◆	◆					◆
DIP	◆		◆					◆						◆					◆
High-Speed Cable Assemblies	◆	◆	◆										◆				◆	◆	◆
PCMCIA	◆		◆										◆						◆
PGA	◆		◆										◆						◆
PLCC	◆		◆					◆									◆		◆
Rambus																			◆
RIMM/DIMM/SIMM			◆										◆						◆
SIP	◆							◆											◆
Slot 1 & 2																			◆
SO DIMM & RIMM			◆										◆	◆					◆
Test / Burn-In Sockets	◆																		◆
Transistor																			◆

◆ Lead & Lead-free compliant parts available. ◆ Lead-free only parts available.

RF/COAXIAL/ MICROWAVE	3M	Amphenol Aerospace	Amphenol RF	Amphenol SV Microwave	Aptiv (formerly Delphi)	Carlisle Interconnect - Tri-Star	Delta Electronics Mfg Corp.	ITT Cannon - Micro-Mode	JAE Electronics	Lear	Molex	Samtec	Smiths Interconnect	Switchcraft Conxall	TE Connectivity	Yazaki
1.0 / 2.3			◆								◆	◆			◆	
1.6 / 5.6			◆								◆				◆	
7 / 16			◆			◆					◆				◆	
Attenuators							◆									
BMA				◆							◆				◆	
BNC (50/75Ω)			◆	◆		◆		◆			◆	◆	◆	◆	◆	◆
BNC (Miniature)			◆								◆	◆	◆	◆	◆	◆
B to B Blindmate/ Compression				◆				◆			◆				◆	
BSA			◆	◆		◆					◆				◆	
FAKRA			◆		◆						◆				◆	◆
Hermetic								◆								
MCX/MMCX			◆			◆					◆	◆			◆	
MHV/SHV			◆			◆					◆	◆			◆	
Microwave Cable Assemblies											◆		◆			
Precision <sup>1</sup>			◆								◆	◆			◆	
QMA			◆			◆					◆				◆	
Reverse Polarity <sup>2</sup>			◆								◆					
RF Cable Assemblies	◆		◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆
Shielded Terminators			◆										◆		◆	
SMA			◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
SMB (50/75Ω)			◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
SMB (Miniature)			◆								◆		◆		◆	
SMC			◆	◆		◆	◆	◆			◆				◆	
SMP			◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
SMT			◆								◆				◆	
SSMA				◆							◆	◆			◆	
TNC			◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
Triax			◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
Twinax	◆	◆	◆	◆		◆	◆	◆			◆	◆	◆	◆	◆	◆
Type F/G			◆								◆				◆	
Type N			◆	◆		◆		◆			◆	◆	◆	◆	◆	◆
UHF/MiniUHF			◆			◆					◆				◆	

<sup>1</sup>2.4 / 2.9 / 3.5 / 7mm  
<sup>2</sup>BNC, MMCX, N, SMA, TNC

MEMORY CARD CONNECTORS	3M	Amphenol	Amphenol Solutions (ACS)/FCI	C&K Components	JAE Electronics	KYOCERA AVX - Elco	Molex	TE Connectivity
CompactFlash™	◆	◆	◆		◆	◆	◆	◆
DDR/DDR2/Mini DDR2			◆			◆	◆	◆
Express Card			◆				◆	◆
Full Size Card				◆				
Memory Stick/Duo			◆				◆	◆
Micro SD					◆	◆	◆	◆
Mini SD			◆			◆	◆	◆
MMC		◆	◆			◆	◆	◆
PC Card/CardBus	◆	◆	◆			◆	◆	◆
PCMCIA	◆		◆			◆	◆	◆
SD (Secure Digital)	◆		◆		◆	◆	◆	◆
Smart Card (SAM)				◆			◆	◆
Smart Card (SIM)		◆	◆		◆	◆	◆	◆
TransF		◆					◆	◆
xD		◆					◆	◆

CompactFlash™ is a trademark of the Compact Flash Association

TERMINAL BLOCKS	Amphenol PCD Eaton	HARTING	Molex - Beau	Phoenix Contact	Souriau (Eaton)	Spectrum Control	TE Connectivity
Barrier Strips		◆	◆			◆	◆
Europa		◆	◆				◆
Eurostyle – Fixed / Pluggable	◆	◆	◆	◆		◆	◆
2.54/3.50/3.81/5.0/5.08 mm	◆		◆	◆			◆
Filtered						◆	
Interface Modules	◆			◆			
NEMA							◆
Phenolic			◆				◆
Push Button			◆				◆
Rail Mounted	◆		◆	◆	◆		◆
Screw Terminal	◆	◆	◆	◆	◆	◆	◆
Spring Clamp	◆		◆	◆			◆

AUDIO	Amphenol Audio	Amphenol Nexus	Amphenol Tuchel	Spectrum Control	Switchcraft Conxall	TE Connectivity
1/4" Phone (T Series, M Series and Jacks)	◆				◆	
1/4" Phone Switch Plug	◆				◆	
3.5mm PCB	◆				◆	
AC PDN	◆					
AC Series XLR Cable	◆				◆	
AC Series XLR Metal "Z" Chassis Mount	◆					
AC Series XLR PBC Chassis Mount	◆				◆	
AC Series Dual 1/4" XLR	◆					
AC Series XLR Thermoplastic Chassis Mount	◆				◆	
Accessories	◆	◆			◆	
AX Series XLR Cable	◆				◆	
BNC 75ohm Connectors	◆				◆	◆
C Type Combo 1/4" - XLR PCB	◆					
EP/AP Series High Power	◆					
Multipin Series	◆	◆	◆	◆		
RCA Series	◆	◆			◆	
SP High Current Loudspeaker	◆				◆	
XLRnet Series Cable	◆					
XLRnet Series PCB/Chassis Mount	◆					





WIRE & BOARD MANAGEMENT/ ACCESSORIES	3M	Amphenol	Amphenol Communications Solutions (ACS)/FCI	Amphenol PCD	Amphenol Positronic	Aptiv	Carlisle Interconnect - Tri-Star	Glenair	Harwin	HellermannTyton	ITT Cannon	KYOCERA AVX - Elco	Molex	Panduit	Phoenix Contact	Smiths Interconnect	Souriau (Eaton)	TE Connectivity
Backshells	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cable Clips	◆																	◆
Cable Management	◆			◆						◆	◆				◆	◆		◆
Cable Marker Ties	◆																	◆
Cable Mounts	◆			◆	◆													◆
Cable Spacers	◆																	◆
Cable Terminals	◆									◆					◆	◆		◆
Cable Ties	◆														◆	◆		◆
Heat Shrink Products	◆							◆		◆					◆	◆		◆
Jumper Links			◆							◆			◆					◆
Labeling Systems	◆		◆												◆	◆		◆
Labels	◆														◆	◆		◆
PCB Spacers	◆			◆						◆					◆	◆		◆
PCB Terminals		◆	◆				◆			◆			◆		◆	◆		◆
Printers/Software and Ribbons	◆														◆	◆		◆
RFI Clips & Fingers										◆								◆
Shorting Links													◆					◆
Solderless Terminals	◆		◆							◆					◆	◆		◆
Splices	◆			◆		◆						◆	◆		◆	◆		◆
Stainless Steel Accessories	◆														◆	◆		◆
Test Points										◆								◆
Tooling	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Wire & Cable	◆		◆	◆									◆					◆
Wire Ducting	◆									◆					◆	◆		◆

WIRE-TO-BOARD WIRE-TO-WIRE	3M	Amphenol	Amphenol Communications Solutions (ACS)/FCI	Amphenol Positronic	Eaton - Royal Power	Glenair	HARTING	Harwin	INCON Inc.	ITT Cannon	JAE Electronics	KYOCERA AVX - Elco	Molex	Phoenix Contact	Samtec	Smiths Interconnect	Souriau (Eaton)	Switchcraft/Conxall	TE Connectivity
1.00 mm (.039 inch)	◆		◆					◆			◆	◆	◆	◆	◆	◆			◆
1.25 mm (.049 inch)			◆					◆			◆	◆	◆	◆	◆	◆			◆
1.27 mm (.050 inch)	◆						◆				◆	◆	◆	◆	◆	◆			◆
2.00 mm (.079 inch)	◆		◆					◆			◆	◆	◆	◆	◆	◆			◆
2.50 mm (.098 inch)											◆	◆	◆	◆	◆	◆			◆
2.54 mm (.100 inch)	◆		◆				◆	◆			◆	◆	◆	◆	◆	◆			◆
3.00 mm (.118 inch)	◆							◆			◆	◆	◆	◆	◆	◆			◆
3.68 mm (.145 inch)											◆	◆	◆	◆	◆	◆			◆
3.96 mm (.156 inch)											◆	◆	◆	◆	◆	◆			◆
4.00 mm (.157 inch)							◆				◆	◆	◆	◆	◆	◆			◆
4.20 mm (.165 inch)			◆								◆	◆	◆	◆	◆	◆			◆
5.00 mm (.197 inch)													◆		◆	◆			◆
5.03 mm (.198 inch)													◆		◆	◆			◆
5.08 mm (.200 inch)													◆		◆	◆			◆
6.35 mm (.250 inch)													◆		◆	◆			◆
7.50 mm (.295 inch)													◆		◆	◆			◆
8.50 mm (.335 inch)								◆					◆		◆	◆			◆
9.00 mm (.354 inch)											◆		◆		◆	◆			◆
10.00 mm (.393 inch)													◆		◆	◆			◆
Bus Bar			◆		◆					◆			◆		◆	◆			◆
Cable Assemblies	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Discrete Wire	◆		◆				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
FFC/FPC			◆	◆		◆					◆	◆	◆	◆	◆	◆			◆
IDC Discrete Wire	◆		◆				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
IDC/Mass Termination	◆	◆	◆				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mini D Ribbon/Champ	◆	◆									◆	◆	◆	◆	◆	◆	◆	◆	◆
Power	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SATA/SAS/Mini SATA	◆	◆	◆								◆	◆	◆	◆	◆	◆	◆	◆	◆
SCSI I, II, III	◆	◆		◆			◆				◆	◆	◆	◆	◆	◆	◆	◆	◆

INPUT/ OUTPUT	3M	Abracon	Amphenol	Amphenol Communications Solutions (ACS)/Amphenol Commercial/FCI	Amphenol PCD	Amphenol CONEC	Amphenol Positronic	Carlisle Interconnect - Tri-Star	Conesys - Aero Electric	Conesys - J-Tech	Glenair	HARTING	Harwin	iNCON Inc.	ITT Cannon	KYOCERA AVX - Elco	Molex	OMRON	Phoenix Contact	Pulse	Samtec	Smiths Interconnect	Souriau (Eaton)	Spectrum Control	Switchcraft Conxall	TE Connectivity
1394 & 1394b	◆	◆	◆	◆											◆	◆							◆	◆	◆	◆
Audio			◆		◆										◆	◆								◆	◆	◆
Camera Link Mini Camera Link	◆																									◆
Circular	◆		◆			◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Combo I/O	◆			◆			◆																◆	◆	◆	◆
Display Port				◆																				◆	◆	◆
D-Subminiature	◆		◆	◆		◆	◆								◆	◆							◆	◆	◆	◆
DVI			◆	◆											◆	◆										◆
Fiber Channel				◆																						◆
Fiber Optic	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Filtered I/O	◆		◆	◆					◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
HDMI/Micro HDMI			◆	◆											◆	◆										◆
IPass				◆																						◆
InfiniBand®			◆	◆											◆	◆										◆
M12/M12D /M8						◆																				◆
Micro D			◆																							◆
Mini DIN/Circular DIN			◆												◆	◆										◆
Mini D-Subminiature																										◆
Mobile Systems																										◆
Modular Plugs & Jacks	◆	◆	◆	◆		◆									◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
PCI Express				◆																						◆
Power	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Push/Pull																										◆
Rectangular	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
RF/Coax/Microwave	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
RJ/Industrial Ethernet		◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SATA/SAS/Mini SATA	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SCSI	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SFP/XFP				◆																						◆
TDP																										◆
USB/Mini USB/USB OTG			◆	◆		◆	◆								◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

InfiniBand® is a trademark of the InfiniBand Trade Association





CIRCULAR CONNECTORS	Amphenol	Amphenol Fiber	Amphenol Matrix	Amphenol PCD	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	TE Connectivity
	<b>AS81511</b>									
M81511/13									◆	
M81511/14									◆	
M81511/16									◆	
M81511/17									◆	
M81511/18									◆	
M81511/19									◆	
M81511/4X										◆
M81511/5X										◆
<b>MIL-C-83522</b>										
M83522/16		◆		◆						
M83522/17		◆		◆						
<b>MIL-DTL-83526</b>										
M83526/20		◆								
M83526/21		◆								
<b>MIL-DTL-83723 SERIES III ALUMINUM</b>										
M83723/7X-A/R/W			◆		◆					
M83723/8X-A/R/W			◆		◆					
<b>MIL-DTL-83723 SERIES III STAINLESS STEEL TO FIREWALL</b>										
M83723/7X-G			◆		◆					
M83723/8X-G			◆		◆					
M83723/9X G/K			◆		◆					
M83723/97 & 98 N/S			◆		◆					
<b>HERMETICS</b>										
D38999/21 N/Y	◆					◆	◆		◆	
D38999/23 N/Y	◆					◆	◆		◆	
D38999/25 N/Y	◆					◆	◆		◆	
D38999/27 N/Y	◆					◆	◆		◆	
D38999/41H,N,Y							◆		◆	
D38999/43H,N,Y							◆		◆	
D38999/45H,N,Y							◆		◆	
EN2997Y0	◆					◆	◆		◆	
EN2997Y1	◆					◆	◆		◆	
EN2997Y7	◆					◆	◆		◆	
EN2997YE0	◆					◆	◆		◆	
EN2997YE1	◆					◆	◆		◆	
EN2997YE7	◆					◆	◆		◆	
ESC10Y Y/E	◆					◆	◆		◆	
ESC14Y Y/E	◆					◆	◆		◆	
M24308/9							◆		◆	
M81703									◆	
M83723/65H									◆	
M83723/79H,Y	◆								◆	
M83723/80H,Y	◆								◆	
M83723/81H,Y	◆								◆	
M83723/88H,Y	◆								◆	
M83723/89H,Y	◆								◆	
M83723/90H,Y	◆								◆	
M83723/93H	◆								◆	
M83723/94H	◆								◆	
MS27034H									◆	
MS27469Y	◆								◆	
MS27470Y	◆								◆	
MS27471Y	◆								◆	
MS27475Y	◆								◆	
MS27476Y	◆								◆	
MS27477Y	◆								◆	
MS27478Y	◆								◆	

CIRCULAR CONNECTORS	Amphenol	Amphenol Fiber	Amphenol Matrix	Amphenol PCD	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	TE Connectivity
	<b>HERMETICS CONT.</b>									
MS3113H		◆								◆
MS3114H		◆								◆
MS3132H										◆
MS3134 H										◆
MS3142 H										◆
MS3143 H										◆
MS3440 H							◆			◆
MS3442 H										◆
MS3443 H							◆			◆
MS3449 H							◆			◆
<b>MIL-DTL-22992</b>										
MS17343		◆								
MS17344		◆								
MS17345		◆								
MS17346		◆								
MS17347		◆								
MS17348		◆								
MS17349		◆						◆		
MS17350		◆						◆		
MS18062		◆								
MS90555		◆								
MS90556		◆								
MS90557		◆								
MS90558		◆								
MS90561		◆								
MS90563		◆								
MS90564		◆								
<b>MIL-DTL-26482 SERIES 1 CRIMP</b>										
MS3120		◆								◆
MS3121		◆								◆
MS3122		◆								◆
MS3124		◆								◆
MS3126		◆								◆
MS3127		◆								◆
MS3128		◆								◆
<b>MIL-DTL-26482 SERIES 1 SOLDER</b>										
MS3110		◆					◆		◆	
MS3111		◆					◆		◆	
MS3112		◆					◆		◆	
MS3113 H		◆								◆
MS3114		◆					◆		◆	
MS3114 H		◆								◆
MS3115		◆						◆		
MS3116		◆					◆		◆	
MS3180		◆					◆			
MS3181		◆					◆			
MS3440							◆			◆
MS3442										◆
MS3443							◆			◆
MS3449							◆			◆
<b>MIL-DTL-26482 SERIES 2</b>										
MS3470			◆			◆	◆			◆
MS3471			◆			◆				◆
MS3472			◆			◆				◆
MS3474			◆			◆	◆			◆
MS3475			◆			◆	◆			◆
MS3476			◆			◆	◆			◆

CIRCULAR CONNECTORS	Amphenol	Amphenol Fiber	Amphenol Matrix	Amphenol PCD	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	TE Connectivity
	<b>MIL-DTL-26500</b>									
MS24264						◆				
MS24265						◆				
MS24266						◆				
MS27034										
MS27613										
MS27614										
MS27615										
<b>MIL-DTL-27599 SOLDER</b>										
MS20026		◆								
MS20027		◆								
MS20028		◆								
MS20029		◆								
MS27334		◆								
MS27335		◆								
MS27336		◆								
MS27337		◆								
MS27342		◆								
<b>MIL-DTL-28840</b>										
M28840/1								◆		
M28840/2								◆		
M28840/3								◆		
M28840/4								◆		
M28840/5								◆		
M28840/6								◆		
M28840/7						◆		◆		
M28840/8								◆		
M28840/9								◆		
M28840/10-14						◆		◆		
M28840/15								◆		
M28840/16-19						◆		◆		
M28840/20						◆		◆		
M28840/21						◆		◆		
M28840/22								◆		
M28840/23								◆		
M28840/24								◆		
M28840/25								◆		
M28840/26						◆		◆		
M28840/27								◆		
M28840/28						◆		◆		
M28840/29						◆		◆		
M28840/30								◆		
<b>EN2997</b>										
EN2997XX0		◆			◆	◆	◆	◆		◆
EN2997Y1/EN2997YE1		◆			◆	◆	◆	◆		◆
EN2997XX6		◆			◆	◆	◆	◆		◆
EN2997XX7		◆			◆	◆	◆	◆		◆
<b>EN3645</b>										
EN364570		◆					◆			◆
EN364576		◆					◆			◆
EN364577		◆					◆			◆
<b>FILTERED AUDIO CONNECTOR</b>										
MIL-DTL-55116			◆							
<b>MIL-DTL-38999 SERIES I &amp; II</b>										
MS27466		◆					◆			◆
MS27467		◆					◆			◆
MS27468		◆					◆			◆
MS27469		◆					◆			◆

CIRCULAR CONNECTORS	Amphenol	Amphenol Fiber	Amphenol Matrix	Amphenol PCD	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	TE Connectivity
	<b>MIL-DTL-38999 SERIES I &amp; II CONT.</b>									
MS27470		◆							◆	◆
MS27471		◆							◆	◆
MS27472		◆							◆	◆
MS27473		◆							◆	◆
MS27474		◆							◆	◆
MS27475		◆							◆	◆
MS27476		◆							◆	◆
MS27477		◆							◆	◆
MS27478		◆							◆	◆
MS27479		◆							◆	◆
MS27484		◆					◆	◆		
MS27496		◆					◆	◆		◆
MS27497		◆					◆	◆		◆
MS27499		◆					◆	◆		◆
MS27501		◆							◆	
MS27502		◆							◆	
MS27505		◆							◆	
MS27508		◆					◆	◆		
MS27510		◆							◆	
MS27511		◆							◆	
MS27512		◆							◆	
MS27513		◆					◆	◆		
MS27656		◆							◆	
<b>MIL-DTL-38999 SERIES III ALUMINUM</b>										
M38999/9				◆	◆					
M38999/10										



CIRCULAR CONNECTORS

	Amphenol	Amphenol Fiber	Amphenol Matrix	Amphenol PCD	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	TE Connectivity
<b>BACC STANDARDS</b>										
BACC63CD	◆						◆			
BACC63CE	◆						◆			
BACC63CM	◆								◆	
BACC63CN	◆								◆	
BACC63CT	◆						◆	◆		
BACC63CU	◆						◆	◆		
BACC63DB	◆						◆	◆		
BACC63DC	◆						◆	◆		
BACC63DE			◆							
BACC63DF			◆							
BACC63DG			◆							
BACC63DH			◆							
BACC63DN	◆									
BACC63DP				◆						
BACC63ED			◆							
BACC63EE			◆							
BACC63EF			◆							
BACC63EK	◆									
BACC63EL	◆									
BACC65BP			◆							
BACC65BR			◆							
BACC65BU										◆
BACC65BV										◆
BACC65CA										◆
BACC65CP										◆
BACC66?					◆	◆	◆	◆		
BACI10BC			◆							◆
BACI10BI			◆							◆

RECTANGULAR CONNECTORS

	Amphenol	Amphenol Nexus	Amphenol PCD	Amphenol Positronic	Aptiv (formerly Delphi)	Conesys	Souriau (Eaton)	Glenair	ITT Cannon	Molex	TE Connectivity	Vishay/Dale
<b>MIL-DTL-24308 &amp; SPACE GRADE</b>												
M24308/1 & M24308/3		◆	◆				◆		◆			
M24308/2 & M24308/4		◆	◆						◆		◆	
M24308/5		◆	◆									
M24308/6 & M24308/8		◆	◆								◆	
M24308/7		◆	◆									
M24308/9		◆	◆					◆				
M24308/23 & M24308/24		◆	◆						◆		◆	
M24308/25 & M24308/26		◆	◆						◆		◆	
311P407				◆			◆		◆		◆	
311P409							◆		◆		◆	
<b>MIL-DTL-12883</b>												
M12883/40 thru M12883/55			◆									
<b>MIL-DTL-21097</b>												
M21097/11											◆	
M21097/13											◆	
M21097/14											◆	
M21097/15											◆	
M21097/16											◆	
<b>MIL-DTL-28748</b>												
M28748/7												◆
M28748/8												◆
M28748/9					◆	◆						
M28748/10					◆	◆						
<b>MIL-DTL-28804</b>												
M28804/1 thru M28804/11					◆							
<b>MIL-DTL-32139</b>												
M32139/01								◆		◆		
M32139/02								◆		◆		
M32139/03								◆		◆		
M32139/04								◆		◆		
<b>AS81659 &amp; ARINC</b>												
M81659									◆			
ARINC 404			◆						◆		◆	
ARINC 600			◆				◆		◆		◆	
<b>AS81714</b>												
M81714/1 thru M81714/12				◆								
M81714/4 & M81714/11				◆							◆	
M81714/16 & M81714/17				◆							◆	
M81714/21 & M81714/23				◆							◆	
M81714/60 & M81714/67				◆							◆	
M81714/69											◆	
<b>MIL-DTL-83513</b>												
M83513/XX												
<b>MIL-DTL-83733</b>												
M83733												
<b>EN4165</b>												
EN4165			◆								◆	

CIRCULAR CONNECTORS

	Amphenol Nexus	Amphenol Matrix
<b>FILTERED AUDIO CONNECTOR</b>		
MIL-DTL-55116	◆	◆

MIL-DTL-55302	Amphenol	INCON Inc	Molex	TE Connectivity
M55302/21		◆		
M55302/22		◆		
M55302/23				◆
M55302/24				◆
M55302/25				◆
M55302/26				◆
M55302/27				◆
M55302/31			◆	◆
M55302/55		◆	◆	
M55302/56		◆	◆	
M55302/57		◆	◆	
M55302/58		◆	◆	
M55302/59		◆	◆	
M55302/60		◆	◆	
M55302/61		◆	◆	
M55302/62		◆	◆	
M55302/63		◆	◆	
M55302/64		◆	◆	
M55302/65		◆	◆	
M55302/66		◆	◆	
M55302/67	◆			
M55302/68	◆			
M55302/69	◆			
M55302/70	◆			
M55302/71	◆			
M55302/76	◆			
M55302/77	◆			
M55302/110				◆
M55302/113				◆
M55302/117			◆	◆
M55302/118			◆	◆
M55302/119			◆	◆
M55302/120			◆	◆

MIL-DTL-55302	Amphenol	INCON Inc	Molex	TE Connectivity
M55302/121			◆	◆
M55302/122				◆
M55302/123				◆
M55302/124				◆
M55302/125				◆
M55302/126				◆
M55302/127				◆
M55302/128				◆
M55302/129				◆
M55302/130				◆
M55302/138			◆	◆
M55302/139			◆	◆
M55302/156				◆
M55302/166	◆			
M55302/167	◆			
M55302/168	◆			
M55302/169	◆			
M55302/170	◆			
M55302/171	◆			
M55302/172	◆			
M55302/173				◆
M55302/174				◆
M55302/175				◆
M55302/176				◆
M55302/177				◆
M55302/178				◆
M55302/179				◆
M55302/180				◆
M55302/181				◆
M55302/190		◆	◆	
M55302/191		◆	◆	
M55302/192		◆	◆	
M55302/193		◆	◆	

	Amphenol	Amphenol Fiber	Amphenol PCD	Amphenol RF	Amphenol SV	Aptiv (formerly Delphi)	Carlisle Interconnect - Tri-Star	Conesys	Delta	Souriau (Eaton)	Glenair	HellermannTyton	ITT Cannon	Molex	Panduit	Preci-Dip	TE Connectivity
<b>BACKSHELLS &amp; ACCESSORIES</b>																	
M28840						◆					◆						
M85049	◆	◆								◆	◆	◆	◆				◆
MS25042	◆	◆						◆		◆	◆	◆					
MS25043		◆						◆		◆	◆	◆					
MS27291	◆									◆	◆	◆					
MS27501	◆									◆	◆	◆					
MS27502	◆									◆	◆	◆					
MS27510	◆									◆	◆	◆					
MS27511	◆									◆	◆	◆					
MS27512	◆									◆	◆	◆					
MS27558	◆									◆	◆	◆					
MS27559	◆									◆	◆	◆					
MS27657	◆									◆	◆	◆					
MS3057	◆									◆	◆	◆					
MS3180	◆	◆						◆		◆	◆	◆					
MS3181	◆	◆						◆		◆	◆	◆					
MS3186		◆						◆		◆	◆	◆					
MS3420	◆							◆		◆	◆	◆					
D38999/32	◆							◆		◆	◆	◆					
D38999/33	◆							◆		◆	◆	◆					
MS3115								◆		◆	◆	◆					
<b>COAX/RF</b>																	
MIL-PRF-39012			◆	◆						◆							◆
MIL-DTL-39030				◆													
MIL-DTL-83517/1-9			◆														◆
MIL-DTL-83517/10																	◆
MIL-PRF-55339			◆	◆						◆							◆

	Amphenol	Amphenol Fiber	Aptiv (formerly Delphi)	Carlisle Interconnect - Tri-Star	Conesys	Souriau (Eaton)	Glenair	Molex	Panduit	Preci-Dip	TE Connectivity
<b>CONTACTS</b>											
MIL-PRF-29504	◆	◆	◆			◆	◆				◆
AS39029	◆				◆	◆	◆				◆
BACC47	◆				◆	◆	◆				◆
EN3155	◆				◆	◆	◆				◆
<b>SEALING PLUGS</b>											
MS27488						◆					◆
<b>TERMINALS</b>											
M7928/1											◆
M7928/4											◆
M7928/5											◆
M7928/6								◆			◆
M7928/7											◆
MIL-S-81824/1											◆
MS17143								◆			◆
MS20659								◆	◆		◆
MS25036								◆	◆		◆
MS25274											◆
NAS 1747											◆
SAE AS83519/1											◆
SAE AS83519/2											◆
<b>TOOLS</b>											
AS22520											◆
AS81969	◆										◆



WIRE, CABLE & HEAT SHRINK PRODUCTS		3M	Glenair	HellermannTyton	TE Connectivity
MIL-S-81824/1	Mini Seal Splices				◆
AMS-DTL-23053	Heat-shrinkable tubing	◆			◆
AR70-75	Heat-shrinkable tubing				◆
MIL-DTL-24640	Wire				◆
MIL-C-24643	Heat-shrinkable tubing				◆
MIL-C-85485	ElectroLoss FilterLine Wire & Cable				◆
MIL-PRF-46846	Heat-shrinkable tubing				◆
MIL-W-81044	SPEC 44 Wire				◆
A-A-56031 (S/S MIL-A-46864)	Adhesive, epoxy, flexible				◆
M83723/16, /27	Boots – heat shrink, strain relief, straight & right angle				◆
SAE AS31091	Boots – straight			◆	◆
SAE AS31171	Boots – heat shrink, strain relief & right angle			◆	◆
SAE AS81765	Insulating components				◆
SAE AS22759	SPEC 44 & SPEC 55 Wire				◆
AS85049	Shrink Boots		◆		
AS50151, M26482 Series II, M83723 Series III, AS81703 Series 3, AS95234	Shrink Boot Adaptors		◆		
AS83519	Heat Shrink Termination Sleeves		◆		

FIBER OPTIC		Aptiv (formerly Delphi)	HellermannTyton
M28876	MIL-C-28876	◆	◆
M83526	MIL-PRF-83526	◆	◆

OFF-BOARD INTERCONNECTS	3M	Amphenol/FCI	Spectrum Control	Conesys	Harwin	ITT Cannon	Molex	OMRON Automation & Safety	Phoenix Contact	Pulse	Smiths Interconnect	Souriau (Eaton)	Switchcraft Conxall	TE Connectivity	Vishay/Dale
<b>CONNECTORS</b>															
Bus Bars		◆												◆	◆
Circular Plastic Connectors		◆	◆		◆	◆	◆	◆	◆		◆	◆	◆	◆	◆
Detergent & Wash-down Cordset Connectors					◆		◆		◆			◆			
FFC/FPC Flex Connectors		◆					◆							◆	
Fiber Optic		◆	◆				◆				◆	◆	◆	◆	◆
Heavy Duty		◆	◆				◆		◆		◆	◆	◆	◆	◆
High Power		◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆
High-speed Data		◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆
Industrial D-Sub		◆	◆				◆				◆	◆	◆	◆	◆
Industrial I/O		◆	◆	◆			◆				◆	◆	◆	◆	◆
HMI							◆		◆					◆	◆
Mini I/O		◆					◆		◆					◆	◆
RJ45		◆	◆	◆			◆		◆		◆	◆	◆	◆	◆
USB		◆	◆	◆			◆		◆		◆	◆	◆	◆	◆
Integrated/Added Value Solutions		◆	◆			◆	◆		◆		◆	◆	◆	◆	◆
M8/M12 Connectors		◆	◆	◆			◆		◆		◆	◆	◆	◆	◆
M8/M12 Cordsets		◆	◆				◆		◆		◆	◆	◆	◆	◆
RF		◆	◆				◆		◆		◆	◆	◆	◆	◆
Ruggedized Circular		◆		◆			◆		◆		◆	◆	◆	◆	◆
Sealed Connectors		◆		◆	◆	◆	◆		◆		◆	◆	◆	◆	◆
Terminal Blocks		◆					◆		◆		◆	◆	◆	◆	◆
Terminals		◆		◆			◆		◆		◆	◆	◆	◆	◆

WIRE MANAGEMENT		HellermannTyton	Panduit
MS3367-1 ~ -7	Cable ties	◆	◆
MS3367-23 ~ -27	Cable ties	◆	◆
MS3367-29	Cable ties	◆	◆
MS3368-1-A, -B	Marker ties	◆	◆
MS3368-2-A, -B	Marker ties	◆	◆
MS3368-3-C	Marker ties	◆	◆
MS3368-4-D	Marker ties	◆	◆
MS3368-5-E	Marker ties	◆	◆
MS90387-1 ~ -3	Installation tools	◆	◆
MS21266	Grommet edging	◆	

IDENTIFICATION/LABEL		HellermannTyton
MIL-STD-202G method 215K, MIL-I-23053/5	SHRINKTRAK Heat Shrink Wire Markers	◆
SAE-AS81531 and Mil-Std 202G, Method 215K	TIP TAG Series	◆
	Polyester for UID Labeling	◆
	Vinyl Self Laminating	◆



EV SUPPLIERS BY PRODUCT	Amphenol	Aptiv (formerly Delphi)	ITT Cannon	KOSTAL	Molex	OMRON	Panasonic	Phoenix Contact	TE Connectivity
J1772 Coupler	◆	◆	◆					◆	◆
J1772 Inlet		◆	◆					◆	
J1772 CCS		◆	◆					◆	
Contactors							◆	◆	◆
MSD									◆
HV 0-100A Connectors	◆	◆	◆						◆
HV 200A Connectors	◆	◆		◆	◆				◆
HV 300A Connectors	◆				◆				◆
HV 400A+ Connectors	◆								◆
Pass-through Systems	◆	◆	◆		◆				◆
EVSE Board Products							◆	◆	◆

EV MARKET SEGMENT BY PRODUCT	Infrastructure Vehicle OEM	Battery Pack OEM	Electric Motor OEM	Motor Controller OEM	On-Board Charger OEM	DC/DC Converter
J1772 Coupler	◆					
J1772 Inlet		◆				
J1772 CCS	◆					
Contactors	◆	◆	◆			
MSD		◆	◆			
HV 0-100A Connectors		◆	◆	◆	◆	◆
HV 200A Connectors		◆	◆	◆	◆	◆
HV 300A Connectors		◆	◆	◆	◆	◆
HV 400A+ Connectors		◆	◆	◆	◆	◆
Pass-through Systems	◆	◆		◆	◆	
EVSE Board Products	◆					

APPLICATION	Amphenol	CONESYS	Glenair	ITT Cannon	Smiths Interconnect	Souriau (Eaton)	TE Connectivity
<b>Cab Controls</b>	PT/26482, GT	JTCIR/AE5/AE7	ITS, FRITS	KPT/26482	B, L, M12, C, REP	VGE1, MSG3U, UTO, UTS, SMS	SRC, NGC, HDC, CIRP/H, M12 Rail, 24-position Connector
<b>Propulsion/Braking</b>	ARC, ePower, GT, Trainline		FRITS, FRITS RG, ITH (Single Pole)	CA/MIL-C-5015	L, HD, M12, C, FG/FH, HBB	VGE1, FER1	EKO, FXP, CMC, WYE, CPP, AMPOWER
<b>Door Controls</b>	Mil-C-5015, 26482, GT, Max-M12	MIL-DTL-5015/JT/AES/AE7	FRITS, FRITS RG	CA/MIL-C-5015/26482	L,HD, C, REP, CEA	VGE1, FER1, UTO	NGC, SRC, HDC, CIRP/H, M12 Rail
<b>Couplers</b>	ARC, GT, Trainline	MIL-DTL-5015/JT	FRITS, FRITS RG, FRITS Coax, 900	CA/MIL-C-5015		VGE1, 838	CAM/CMC
<b>HVAC</b>	Mil-C-5015, 26482, Cable Glands, GT	MIL-DTL-5015 AE5/AE7	FRITS, FRITS RG	CA/MIL-C-5015/KPT/26482		VGE1, FER1, SMS IP	NGC, CPP, CMC, SRC, HDC, CIRP/H, M12 Rail
<b>Converters Inverters</b>	PT/26482, GT	AE7	FRITS (signal), 900 (power)	KPT/26482	HD, C, REP, HBB	VGE1, UTO, MSG3U, SMS	FXP, UIC541-5, UIC588, MU27P, CAM, FXP, EKO-A, CCP, CMC

CONNECTION SYSTEM	Term Type	Current	Voltage	Shield
Amphenol APT/HVPT	Ring		1000	Internal
Amphenol ePower	8mm-11mm Pin/Soc	200-400	1000	Internal
Amphenol ePower-Lite	3.6mm Pin/Soc	70	1000	Internal
Amphenol Powerlok	4.0mm-14mm Pin/Soc	40-500	1000	Internal
Amphe-Power	2.4mm - 9.1mm Pin/Soc	63 - 300	1000	External*
Amphe-Push-Pull	5.7mm - 14.0mm Pin/Soc	120 - 500	1000	External*
Amphenol Radlok	3.6mm - 12.0mm Pin/Soc	70 - 400	1000	None
Amphenol Rhino 38999	4.8mm - 23.1 Pin/Soc	85 - 1000	630	Internal
Amphenol Surlok	3.6mm - 14.0mm Pin/Soc	70 - 500	1000	None
Amphenol UPC	9.1mm - 12mm Pin/Soc	250 - 400	1000	Internal
<b>TE Connectivity</b>				
Aptiv/Delphi HV150	1.5mm Box/Blade	16	600	None
Aptiv/Delphi APEX HV280	2.8mm Box/Blade	35	750	External
Aptiv/Delphi HV280	2.8mm Box/Blade	40	600	Internal
Aptiv/Delphi APEX HV950	9.5mm Box/Blade	70	750	None
Aptiv/Delphi HV1000	10mm Box/Blade	145	600	Internal
Aptiv/Delphi HV2000	20mm Box/Blade	250	600	Internal
Aptiv/Delphi RCS800 & 890	8mm Pin/Soc	230	1000	External
Aptiv/Delphi Pass-through	Ring	n/a	600	Internal
<b>ITT</b>				
ITT APD	2.4mm Pin/Soc	29	500	None
ITT Ring Tongue	Ring	n/a	900	Internal
<b>KOSTAL</b>				
KOSTAL PLK 14.5	14.5mm Box/Blade	235	600	Internal
<b>Molex</b>				
Molex Imperium	8mm-14mm Pin/Soc	230-400	1000	Internal
Molex Maxloc Plus	8mm-14mm Pin/Soc	230-400	1000	Internal
Molex Maxloc (pass-thru)	Ring	n/a	1000	Internal
<b>TE Connectivity</b>				
TE Connectivity EV600	Screw Terminal	600	28-1000	Internal
TE Connectivity HVA280	2.8mm Box/Blade	30	600-750	Internal
TE Connectivity HVA630	6.3mm Box/Blade	70	600	Internal
TE Connectivity HVA950	9.5mm Box/Blade	90	600	Internal
TE Connectivity HVP800	8mm Pin/Soc	200-250	850	Internal
TE Connectivity HVP1100	11mm Pin/Soc	320	750	Internal
TE Connectivity IPT	Ring	n/a	800	Internal



The IP&E Specialist



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Founded in 1971, TTI has steadily grown to become the world's leading interconnect, passive, electromechanical and discrete component distributor in the industry.

The company was founded on the premise that component purchasing could be made more efficient by offering product specialization, customer-driven service, and proprietary supply chain solutions – and do it all with secure 24/7 access via [tti.com](http://tti.com).



## Knowledgeable Product Experts

Specialization allows TTI product managers to provide much better product insight to support your manufacturing from design through production. TTI Specialists' commitment to our customers is key to our continued success.

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TTI maintains extensive, available-to-sell inventory, stocking more than 850,000 part numbers globally – that's more connector, passive, electromechanical and discrete inventory available than from any other source.

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