

Amphenol®/Pyle®/Matrix® Quick Product Guide

Engine Connectors (Class K Firewall)

D38999/20 BACC63BR/BT
 D38999/24 BACC63CN/CM
 D38999/26 M83723/82-92
 ESC-10, 11 M83723/95, /96, /97
 EN2997 ASN-EO
 MIL-C-26500 types: FPK, FPL, FP5K, FYL

EMI Filter/Transient Protection Devices

Intermateable with/Features of

FTV - MIL-DTL-38999 Series III
 FJT - MIL-DTL-38999/27599 Series II
 FLJT - MIL-DTL-38999/27599 Series I
 FSJT - Proprietary SJT
 FBL - MIL-DTL-38999 Series IV
 FPT - MIL-C-26482 Series 1 & 2,
 MIL-C-83723 Series I

Other EMI Filter/Transient Protection Devices

MOV's Hermetic Filters
 Diodes Programmable
 EMP Filter Adapters
 "AN" Filters Filtered Plugs

Amphenol Canada Filter Products:
 485 Series Filtered ARINC
 MIL-DTL-24308 Filter D-Subs
 MIL-DTL-83513 Micro D-Subs

Fiber Optic Products

Multi-Channel Fiber to Fiber Systems
 with MIL-DTL-38999 Series III
 Connectors and Fiber Optic Termini:
 Multi-mode Size 16 & 20
 Single mode Size 16
 90 degree Multi-mode Size 16
 Advanced Fiber Optic with Captivated
 Alignment Sleeves

Other Fiber Optic Products

MFM Family: Hermaphroditic, Duplex,
 Simplex
 Fiber Optic Active Plug
 TFOCA two Connectors
 CTOS, CTOL Field Deployable Lens
 2-4-8 Channel Weatherproof Optic Conn.
 Multi-way Backplanes
 Optical Backplane Systems
 Space Application Fiber Optics
 MTC Cylindrical Series
 Brush & Fiber Optic Hybrid Rectangulars
 Tactical Optical Splice
 Fiber Optic Termination Tools

Rectangular Printed Circuit Board Connectors

MIL-C-55302

with Bristle Brush Contacts

M55302/166 MB ()-()P
 M55302/167 MB ()-()W
 M55302/168 PC ()-()P
 M55302/169 IO ()-()C
 M55302/169 IO ()-()P
 M55302/170 DB ()-()P

MIL-C-55302

with Crimp, Solder or PCB Contacts

M55302/67-69 PCB90A
 M55302/70-71 PCB100A
 M55302/76-77 PCB100B
 M55302/74-75 PCB100C
 M55302/72-73 PCB150A
 SIHD Series
 SIAL Series

LRM Surface Mount

with Bristle Brush Contacts

Series available in 80-472 positions
 SEM-E Format available
 Power Supply Modules
 RF and Fiber Optic Modules
 Ruggedized VME64-X
 Ruggedized VME P0/J0 MT

Backplane Connectors

with Tuning Fork & Blade Contacts

UHD (Ultra High Density) Connectors
 NAFI Daughtercard/Backplane Conn.

Other Rectangular Connectors

I/O NAFI Series
 LMD and LMS Modulars
 SIM Modulars
 SIHD, SIAL Interconnects

Backplane Systems

Electrical and Optical Backplane Systems
 that can incorporate:

MIL-C-55302 Brush Contacts
 NAFI Fork and Blade Contacts
 UHD Fork and Blade
 ARINC
 MIL-DTL-38999 Cylindricals
 MT Optical Ferrules

Rack & Panel Connectors

Rectangular	Cylindrical
LPSRC, SR	RNJ
217 Series	
LE, LPX Series	
ARINC 404, ARINC 600	
RFM Modular Series	
Micro D-Subs	

Special Purpose Interconnection Products

Hermetics

Available in the following series:
 MS Standard MIL-C-5015
 Miniature MIL-C-26482
 Subminiature MIL-DTL-38999 I, II, III

Breakaway/Lanyard Release

Available in the following series:
 Fail-Safe Subminiature MIL-DTL-38999
 Twist-Pull Miniature MIL-C-26482
 Quick Disconnect Matrix MIL-C-83723
 Quick Disconnect Matrix MIL-C-5015
 Stores Management Type II, Rail Launch
 Gatelink Breakaway

Battlefield Interconnects & Cables

Stinger Missile types
 EMC Protected & Over-molded Cable
 Audio Connectors
 Singcars, Bowman Program Connectors
 Wind Corrected Munitions Dispenser

Rail Mass Transit/Industrial Interconnects & Cables

Freight-Mate Cable Assemblies
 Trans-Power & 27 Pole Train-Line,
 Over-molded Cable available with any
 Amphenol Cylindrical Industrial.

Data Bus Products

Can Couplers, Box Couplers
 ARINC 629 Current Mode Couplers
 Wire Integrated Connectors (W.I.C.s)
 ARINC 629 Bus Cable Assys./Terminators
 711 Data Bus

Other Special Purpose Products

RJ Field, USB Field, MTRJ Field, EZ Field
 Aquacon Immersible
 Pyle Pon Series Indicator Lights
 WFRS Interlocked Safety Switches
 Pyle Quelarc Heavy Duty
 Astronaut Zero-G Connectors
 PMAT (ARINC 644)
 Geophysical Miniatures
 SCE and Mini SCE Push Pull Connectors
 PPS Push-Pull Miniatures
 Shorting Plugs
 Micro-Miniature Connectors
 ECTA 133, ECTA 544
 Amphe-Base, Amphe-Com, Hi-Lok Series
 Quick Connection Modules
 1900 Rectangulars

Contacts, Accessories

Crimp M39029, Thermocouple, Wire Wrap
 Coaxial, Twinax, Triax, Quadrax and
 Differential Twinax Shielded Contacts
 Bristle Brush Contacts for Rectangulars
 Fork & Blade Contacts for Rectangulars
 Fiber Optic Termini
 RADSOK Contacts for High Amperage
 M85049 Accessories
 Band Backshell Accessories
 Pyle Cord Grips
 Thermal Clamps
 Pipe & Cable Supports
 Relay Sockets and Junction Modules
 For Attachment to Printed Circuit Boards:
 Press Fit Connectors
 Cylindricals with PC Tail Contacts
 Universal Header Assemblies
 Flex Circuit Assemblies
 Printed Circuit Bd. Terminal Blocks
 Wiring Interface Modules

**Solutions by Design -
 Amphenol is Your One-Stop Source
 For All your Interconnection Product Needs.**

This vast array of interconnection products surpasses other connector manufacturers, and represents the Amphenol expertise to provide almost any interconnection solution. We assist in the design of products and make experienced recommendations to our customers that will meet their specific performance requirements.