

Introduction Of Harwin Outstanding Innovation To Digital Audio Application

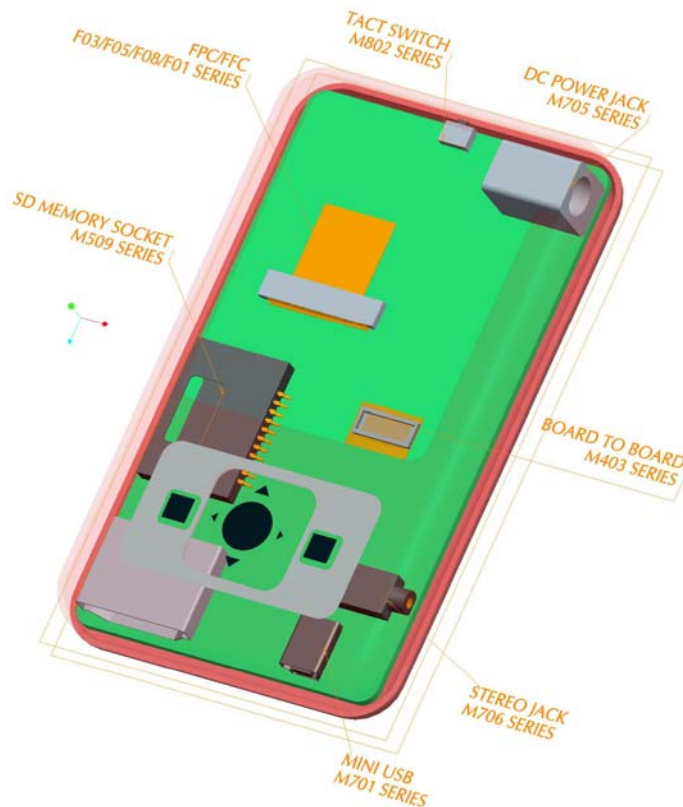
Harwin's Capabilities have developed in response to the specialist interconnection demands of OEM Digital Audio Player designers and manufacturers. We are able to offer total interconnect solution ranging from Board to Board, FPC/FFC, Memory Card, DC Power & Stereo Jack, USB and HDMI.

Harwin's can meet virtually any interconnection challenge through our extensive range of connectors to fulfill all your needs in the Audio Digital Player Design.

Why Choose Harwin

Connecting the World for more than half a century Harwin global network of manufacturing, sales and support centers and distributors, we're uniquely placed to meet the specialist needs of the world interconnection market. Work closely with clients large and small – including leading international companies and organizations such as NASA, Motorola, Deft University, Raymarine and Powerwave – to offer a personal, solutions-based service where quality and customers care remain our top priority.

Harwin Design Capabilities



Fine Pitch Board To Board



Low Profile FPC/FFC



SD Memory Card



DC Jack





Stereo Jack





USB

Board To Board (Signal)



M403 Series – 0.4mm Pitch

Part Number	Image	Description
M403-830XX45E		0.4mm Pitch Female Receptacle Stack Height: 0.9mm
M40-835XX45R		0.4mm Pitch Male Receptacle Stack Height: 0.9mm

M402 Series – 0.5mm Pitch


Part Number	Image	Description
M402-FX-XX05R		0.5mm Pitch Female Receptacle Stack Ht: 1.5mm to 2.5mm
M402-MX-XX05R		0.5mm Pitch Male Plug Stack Ht: 1.5mm to 2.5mm

M402V Series – 0.5mm Pitch




Part Number	Image	Description
M402VF-3-XXX-XXNR		0.5mm Pitch Female Receptacle Stack Ht: 2.0mm to 17.5mm
M402VM-3-XXX-XXNR		0.5mm Pitch Male Plug Stack Ht: 2.0mm to 17.5mm

FPC Connector Signal (Signal)

F03 Series – 0.3mm Pitch

Part Number	Image	Description
F03-XX21XXR		0.3mm Pitch FPC SMT Horizontal Bottom Contact



F05 Series – 0.5mm Pitch

Part Number	Image	Description
F05E-XX1146R		0.5mm Pitch FPC SMT Horizontal Top Contact
F05E-XX2146R		0.5mm Pitch FPC SMT Horizontal Bottom Contact
F05E-XX3146R		0.5mm Pitch FPC SMT Vertical Contact




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INTERCONNECT DESIGN & MANUFACTURE




F08 Series – 0.8mm Pitch

Part Number	Image	Description
F08-200XX46		0.8mm Pitch FPC SMT Horizontal Top Contact
F08-210XX46		0.8mm Pitch FPC SMT Horizontal Bottom Contact



F10 Series – 1.0mm Pitch

Part Number	Image	Description
F10-280XX46R		1.0mm Pitch FPC SMT Horizontal Top Contact
F10-290XX46R		1.0mm Pitch FPC SMT Horizontal Bottom Contact
F10-295XX46R		1.0mm Pitch FPC SMT Vertical Contact

Memory Card Secure Digital

Part Number	Image	Description
M502-6860942		SD Connector, Half Size Normal Type
M502-6870942		SD Connector, Half Size Reverse Type
M502-6880942		SD Connector, Full Size Push-Push Normal Type

Mini Secure Digital



Part Number	Image	Description
M509-5381142		Mini SD Connector, Normal Type
M509-5391142		Mini SD Connector, Push-Push Type

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INTERCONNECT DESIGN & MANUFACTURE

Power/Audio Jacks







Power Jacks

Part Number	Image	Description
M705-5X0046		2.00/2.5mm Power Jack Kink
M705-6X0046		2.00/2.5mm Power Jack Non Kink





Audio Jacks

Part Number	Image	Description
M706-50X0445		Dia 3.5mm Stereo Jack SMD
M706-5090546R		Dia 2.5mm Earphone Jack SMD
M706-5100346		Dia 3.5mm Stereo Jack DIP
M706-5100646R		Audio Jack SMD
M706-54X0546		Dia 3.5mm Stereo Jack DIP R/A Upright
M706-64X0746		Dia 3.5mm Stereo Jack Dip R/A Flat

USB Connectors

Part Number	Image	Description
M701-220442		USB A R/A Single Deck
M701-230842		USB A R/A Double Deck
M701-280442R		USB A SMT
M701-240442		USB A Top Entry
M701-250442		USB A Vertical 90 Degree
M701-340542		Mini USB Type 5 Pos

Switches

Part Number	Image	Description
M801-3001100		SMD Tact Switch, Ht:0.8mm, Force: 160g-Vertical
M801-31X0000R		SMD Tact Switch, Ht:4.3-13mm, Force: 160g/260g-Vertical
M802-2001X00R		SMD Tact Switch, Force: 220g-Horizontal
M803-2100200		DIP Tact Switch



Harwin is one of the top OEM manufacturers for customized cable assemblies and wire harness offering wide range of application know-how solutions catering to your requirements

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