

HARWIN

INTERCONNECT DESIGN & MANUFACTURE

Introduction Of Harwin Outstanding Innovation To GPS/GPRS/GSM Tracking System

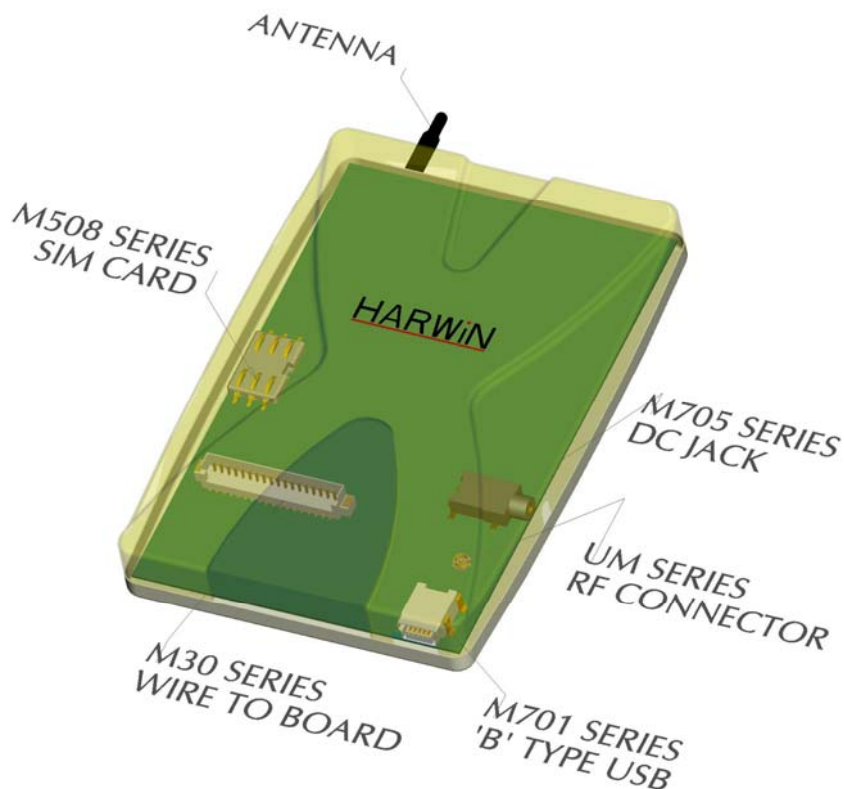
Harwin extensive range of high-reliable connectors are built to meet all your extensive requirements for your GPS/GPRS/GSM tracking system design and applications.

Our wide range of connectors – USB, Board to Board, Wire to Board, Coaxial and many more are set to meet your industry requirements demand and requirements pertaining to quality, cost, volume and service.

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



Coaxial Connector



Low Profile FPC/FFC





USB Connector

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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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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

USB 'B' TYPE Connectors

Part Number	Image	Description
M701-320442		USB B R/A
M701-330442		USB B Top Entry
M701-370442		USB B SMT

Memory/Sim 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






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Mini Secure Digital



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

SIM Card

Part Number	Image	Description
M508-1100645		SIM Card Connector, 6P W/O Post and Cover
M508-1150645		SIM Card Connector, 6P Non Switch W/O Post
M508-320 XX 45R		SIM Card Connector, Push-In/Out
M508-2310642		SIM Card Connector, 6P With Post and Cover
M508-2310842		SIM Card Connector, 8P With Post and Cover

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





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RF Connector UMC Series

Part Number	Image	Description
UMCP-1800005		RF Connector Cable Plug
UMCP-3010005		RF Connector Cable Plug
UMCP-3110005		RF Connector Cable Plug
UMCR-1150005R		Coax. Microwave Connector (Dia 2.1)
UMCR-1250005R		Coax. Microwave Connector (Dia 2.0)
UMCS-1090005R		Coax. Microwave Connector

D-Sub Connectors

Part Number	Image	Description
M040-10XXX45		D-Sub Straight Female
M040-11XXX45		D-Sub Straight Male
M040-20XXX42		D-Sub R/A Female
M040-21XXX42		D-Sub R/A Male

Modular Jack

Part Number	Image	Description
M703-250xx42		Modular Jack DIP
M703-250xx42		Modular Jack SMT





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Coin Battery Connectors

Part Number	Image	Description
M031-1300045	'Image Not Available'	Battery Holder, PCB Mount

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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