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Servers (Entry Level)

I/O (Fiberoptic)
- Fibre Channel
- PARA-OPTIX Cable Assemblies
- Connectors & Adapters
- Cable Assemblies (SC, LC, MT-RJ, MPO)
- Cable Assemblies

CPU Sockets
- Micro PGA
- PGA
- Slot 1 & Slot 2

Mezzanine/Stacking
- MICTOR & MICTOR SB Connector
- AMPMODU 50/50 Connector
- Free Height (FH)
- HXC125
- STEP-Z Connector
- Z-PACK 2mm HM Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Array Connector

RF Coax Product
- BNC
- SMA/SMB

Other
- IDENTO Labels

Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management
- SILFIL Elastomeric Conductive Silicones

Storage
- Fibre Channel
- SCA 2 (40 pos.)
- SCSI
- SCA 2 (80 pos.)
- Serial ATA (SATA)
- Ultra ATA
- Serial Attached SCSI (SAS)
- SAS

Power (Board-to-Board)
- Multi-Beam XL (SSI Std.) Connector
- Crimp Twin Leaf (SSI Std.)
- FLATPAQ Connectors
- MINIPAK Connectors
- CROWN EDGE Connectors

VRM/Power Pods
- VRM
- SEC-II
- Mini CROWN EDGE Connectors

Memory Sockets
- DIMM (SD RAM)
- RIMM (184 pos. RAMBUS)
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

I/O (Copper)
- SCSI II/III
  - AMPLIMITE .050 Connector
  - CHAMP Connector
  - Ethernet Modular Jack
  - Integrated Magnetic Jacks
  - IEEE 1394
- Fibre Channel
  - HSSDC (GBIC or fixed)
  - HSSDC2 (SFP or fixed)
  - AMPLIMITE 9 pos. Rcpt. Connector

InfiniBand Cable Assemblies
- 1X HSSDC 2
- 4X/12X
- XFP/XPAK
- Cable Assemblies
- MRJ21 Connector
- SFP Cages
  - Single Port
  - Ganged (1x2, 1x4, 1x6)
  - Stacked (2x1, 2x4, 2x6)

Power (Cable-to-Cable/Board)
- AMP-DUAC (SSI Std.) Connector
- Universal MATE-N-LOK II Connector
- ELCON Drawer Series
- MicroPower Products
- Multi-Beam XL (SSI Std.) Connector
- Crimp-Snap Twinleaf (SSI Std.)

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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.
Dimensions are shown for reference purposes only. Specifications subject to change.

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C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
Germany: 49-6251-133-0
Equipment Profiles

Servers

I/O (Fiberoptic)
- Fibre Channel
- PARA-OPTIX Cable Assemblies
- Connectors & Adapters
- Cable Assemblies (SC, LC, MT-RJ, MPO)
- Rugged and High Density – LuxCis®, Mini Expanded Beam
- LIGHTRAY MPX to I/O (Optic) System Interconnects

CPU Sockets
- Micro PGA
- PGA
- Slot 1 & Slot 2
- MCLGA
- HXC125

VRM/Power Pods
- SEC-II Power
- Mini CROWN EDGE Connector
- Itanium Power Connector
- Montecito VR372 Power Connector

Mezzanine/Stacking
- MICTOR & MICTOR SB Connector
- AMPMODU 50/50 Connector
- Free Height (FH)
- HXC125
- STEP-Z Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Elastomeric Array Connector

Expansion Slots
- PCI
- PCI-X
- PCI-E
- PCI-E siom

Backplane Systems
- LIGHTRAY MPX (Optical) System Interconnects
- InfiniBand
- Advanced TCA
- ATCA Power
- Intel Reference Design
- Z-PACK HM-Zd Connector
- MultiGig RT Connector
- Z-PACK HS3 Connector
- SEC Z Connector
- PCI (Host Adapter Cards), PCI-E
- Tyco Electronics Printed Circuit Group

Power (Board-to-Board)
- Multi-Beam XL (SSI Std.) Connector
- Crimp Twin Leaf (SSI Std.)
- FLATPAQ Connectors
- MINIPAK Connectors
- AMPOWER Wave Crimp Connector
- ELCON Icon Connector
- CROWN EDGE Connector
- Universal Power Module

I/O (Copper)
- SCSI II/III
- AMPLIMITE .050 Connector
- CHAMP Connector
- Ethernet Module Jack
- Integrated Magnetic Jacks
- Integrated Magnetic Jacks PoE (RJ45)
- IEEE 1394
- Fibre Channel
- HSSDC (GBIC or fixed)
- HSSDC2 (SFP or fixed)
- AMPLIMITE 9 pos. Rept. Connector
- InfiniBand
- 1X HSSDC
- 4X/12X
- XFP/XPAK
- Cable Assemblies
- SFP Cages
- Single Port
- Ganged
- Stacked
- MRJ 21 Connector

Power (Cable-to-Cable/Board)
- AMP-DUAC Connector
- Universal MATE-N-LOK II Connector
- Metrimate Connector
- AMPOWER Multi Pin Plus Connector
- AMPOWER Wave Crimp Connector
- Louvertac Upgrade Contacts
- Mini Power Drawer
- ELCON Drawer Series

Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management
- SILFIL Elastomeric Conductive Silicones

RF Coax
- BNC
- SMA/SMB

Memory Sockets
- DIMM (SD RAM)
- RIMM (184 pos. RAMBUS)
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

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# Workstations

## CPU Sockets
- Micro PGA
- PGA
- Slot 1 & Slot 2

## Storage
- Fibre Channel
  - SCA 2 (40 pos.)
  - SCSi
- SCA 2 (80 pos.)
- Serial ATA

## Coplanar
- FLAT MOE Connector

## Memory Sockets
- DIMM (SD RAM)
- RIMM (184 pos. RAMBUS)
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

## Power (Cable-to-Cable/Board)
- AMP-DUAC PL, 4-2mm PE Connector
- Universal MATE-N-LOK II Connector
- ELCON Drawer Series
- MicroPower Products
- CROWN EDGE Connector

## Power (Board-to-Board)
- Multi-Beam XL (SSI Std.) Connector
- FLATPAQ Connectors
- MINIPAK Connectors
- ICCON Connector
- CROWN EDGE Connector

## VRM/Power Pods
- Sec-II Power
- Mini CROWN EDGE

## Mezzanine/Stacking
- MICTOR & MICTOR SB Connector
- AMPMODU 50/50 Connector
- Free Height (FH)
- HXC125
- STEP-Z Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Elastomeric Array Connector

## I/O (Copper)
- Ethernet Modular Jack
- Monitor Cable
- AC Power Cord

## Expansion Slots
- PCI
- PCI-X
- PCI-E

## RF Coax
- BNC
- MCX
- Coax Cable Assemblies

## Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management

## Specifications
- Dimensions are shown for reference purposes only. Specifications subject to change.
### Storage

**I/O (Optic)**
- Fibre Channel
- PARA-OPTIX Cable Assemblies
- Cable Assemblies (SC, LC, ST, MT-RJ, ESCON)
- High Density – LuxCis®, Mini Expanded Beam (High Reliability Optics)
- Cable Assemblies
- LIGHTRAY MPX to I/O (Optic) System Interconnects

**Power (Board-to-Board)**
- Multi-Beam XL Connector
- FLATPAQ Connectors
- MINIPAK Connectors
- AMPOWER Wave Crimp Connector
- ICCON Connector
- CROWN EDGE Connector

**Mezzanine/Stacking**
- MICTOR & MICTOR SB Connector
- STEP-Z Connector
- AMPMODU 50/50 Connector
- Free Height (FH)
- HXC125
- Mini CROWN EDGE Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Elastomeric Array Connector

**Backplane Systems**
- Z-PACK HM-Zd Connector
- MULTIGIG RT Connector
- Z-PACK HS3 Connector
- Z-PACK 2mm HM Connector
- Tyco Electronics Printed Circuit Group
- Advanced TCA
- Futurebus Connector
- LIGHTRAY MPX (Optical) System Interconnects

**Coplanar**
- Z-PACK HM-Zd Connector
- Z-DOK Connector
- MICTOR Connector
- HM
- FLAT MOE Connector

**RF Coax**
- BNC
- MCX
- SMA/SMB
- Coax Cable Assemblies

**CPU Sockets**
- HXC125
- Micro PGA
- PGA

**Memory Sockets**
- DIMM (SD RAM)
- RIMM (184 pos. RAMBUS)
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules
- CompactFlash Removable Memory Connector

**Power (Cable-to-Cable/Board)**
- AMP-DUAC PL Connector
- Universal MATE-N-LOK II Connector
- Metrimate Connector
- AMPOWER Multi Pin Plus Connector
- AMPOWER Wave Crimp Connector
- Louvertac Upgrade Contacts
- Mini Power Drawer
- ELCON Drawer Series
- Multi-Beam XL Connector

**Thermal Management**
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management

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# Notebook

## Media Bay
- CNR 60 pos.
- Multi-Bay Connector
- Standard 50 pos.

## Battery/Power
- Battery Pack
- Rechargeable Battery Connector

## Thermal Management
- CPU (Heat Pipe)
- Air Management
- SILFIL Elastomeric Conductive Silicones

## Docking
- CHAMP Docking Connector
- D Dock (Custom)

## Internal Interconnect
- FPC
- Flex Circuit
- Mini PCI
- Wireless LAN Antenna
- STAX Fingerprint Recognition Module Connector

## RF Coax
- LCD Coax
- Miniature Coax Cable Assembly for Antenna
- Switching Coax

## Memory Sockets
- DDR DIMM
- DDR DIMM (Reverse)
- SO DIMM
- Stacked RA SO DIMM
- Custom Modules

## I/O (External)
- D-Sub 9, 15 & 25 pos.
- USB
- IEEE 1394
- Stereo Jack
- Mini DIN
- DC Jack
- Integrated Magnetic Jack (RJ45)
- Modular Jack (RJ11 & RJ45)
- Stacked D-SUB

## Stacking
- 0.8mm FH
- 0.6mm FH
- 0.5 Fine Stack
- 0.5 Fine Mate
- 0.8 Fine Mate
- 0.4 Fine Stack
- 0.8 Fine Stack (12 pos. MDA)
- STAX Elastomeric Multi-Row Connector

## Removable Memory
- Dual Card Bus
- Small Factor Card (Memory Stick, SD)
- Card Bus (Single)
- Card Bus (Dual)
- Express Card (New)

## Docking Station
- CHAMP Docking Connector
- D Dock (Custom)
- D-Sub 9, 15 & 25 pos.
- USB
- IEEE 1394
- Stacked Mini DIN (PS/2)
- Power Cord Receptacle
- Cable Assembly
- Power Cord
- USB
- IEEE 1394

## CPU Sockets
- Micro PGA
- PGA
- LGA

## Power
- ATX Power 20 pos. — DUAC Connector
- Coin Cell Battery Holder
Desktop

Expansion Slots
- PCI, PCI-X
- PCI Express
- AGP

I/O (Storage)
- Storage I/O
- IDE Box Header 34 & 40 pos.
- Serial ATA Header
- Ultra ATA Cable
- Serial ATA Cable

Memory Sockets
- DIMM (SD RAM)
- RIMM (184 pos. RAMBUS)
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

RF Coax
- F & G Series
- Twinax/Triax
- Coax Cable Assemblies

I/O (External)
- D-Sub 9, 15 & 25 pos.
- USB
- Stacked Mini DIN (PS/2)
- CNR 60 pos.
- Wireless LAN Antenna
- Stacked Audio Jack
- Integrated Magnetic Jack (RJ45)
- Modular Jack (RJ11 & RJ45)
- IEEE 1394
- Stacked D-SUB

CPU Sockets
- Micro PGA
- PGA
- LGA
- Slot 1 & Slot 2

Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- Air Management
- Retention Mechanism/Clips
- SILFIL Elastomeric Conductive Silicones

Battery/Power
- ATX Power 20 pos.
- AMP-DUAC 4.2 MMPE Connector
- AMP-DUAC (4 & 6 pos.) Connector
- Coin Cell Battery Holder

VRM
- Card Edge

Removable Memory
- Single Card Bus
- Removable Memory Combo Connector
- SD/XD/MMC
- Memory Stick/MS-DUO
- CompactFlash Connector
- Express Card Connector
Switch (Rack)

**Coplanar**
- Z-DOK Connector
- Z-PACK 2mm HM Connector
- Z-PACK HM-Zd Connector
- MULTIGIG RT Connector

**CPU Sockets**
- HXC125
- Micro PGA
- PGA

**Mezzanine/Stacking**
- 0.6mm, 0.8mm, and 1.0mm FH
- AMPMODU 50/50 Connector
- CHAMP Connector
- STEP-Z Connector
- MICTOR & MICTOR SB Connector
- Z-Axis, Z-DOK Connector
- Mini CROWN EDGE Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Elastomeric Array Connector

**RF Coax**
- BNC
- Type C
- F & G Series
- MCX
- Mini BNC
- QMA
- DIN 1.0/2.3
- SMA
- SMB
- TNC
- Ultra Miniature (LEPRA/CON) Connector

**Memory Sockets**
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

**I/O (Fiberoptic)**
- Fibre Channel
- PARA-OPTIX Cable Assemblies
- Cable Assemblies (SC, LC, ST, MT-RJ, ESCON)
- High Density – LuxCis®, Mini Expanded Beam (High Reliability Optics)
- Connectors & Adapters
- Cable Assemblies
- LIGHTRAY MPX to I/O (Optic) System Interconnects

**Backplane Systems**
- Z-PACK 2mm HM / UPM Connector
- Z-PACK 2mm Futurebus+ Connector
- Z-PACK HS3 Connector
- Z-PACK HM-Zd Connector
- MULTIGIG RT Connector
- Tyco Electronics Printed Circuit Group
- SPEEDPAC I/O Connector
- Advanced TCA
- LIGHTRAY MPX (Optical) System Interconnects

**Power (Board-to-Board)**
- Multi-Beam XL (SSI Std.) Connector
- Crimp Twin Leaf (SSI Std.)
- FLATPAQ Connectors
- MINIPAK Connectors
- AMPOWER Wave Crimp Connector
- ICCON Connector
- CROWN EDGE Connector
- Universal Power Module

**Power (Cable-to-Cable/Board)**
- MultiBeam XL Connector
- AMP-DUAC PL, 4.2mm PE Connector
- Universal MATE-N-LOK Connector
- Universal MATE-N-LOK II Connector
- Mini Universal MATE-N-LOK Connector
- Micro Universal MATE-N-LOK Connector
- AMPOWER Multi Pin Plus Connector
- AMPOWER Wave Crimp Connector
- Louvertac Upgrade Contacts
- Mini Power Drawer
- ELCON Drawer Series Connector

**Power Management**
- MicroPower

**Thermal Management**
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management
- SILFIL Elastomeric Conductive Silicones

**I/O (Copper)**
- ZFP I/O Connector
- MRJ 21 Connector
- SCSI II/III
- AMPLIMITE .050 Connector
- CHAMP (RJ21) Connector
- Modular Jack (RJ45)
- Stackable Modular Jacks (RJ45)
- Magnetic Jacks (RJ45)
- Integrated Magnetic Jacks PoE (RJ45)
- MRJ 21 Connector
- GBIC
- USB/IEEE 1394
- Fibre Channel
- HSSDC (GBIC or fixed)
- HSSDC2 (SFP or fixed)
- AMPLIMITE 9pos. Rctp. Connector

**I/O (Fiberoptic)**
- Fibre Channel
- PARA-OPTIX Cable Assemblies
- Cable Assemblies
- Connector & Adapters
- Cable Assemblies
- LIGHTRAY MPX to I/O (Optic) System Interconnects

**Power Management**
- MicroPower

Lucis is a trademark of Radiall Jerrik, Inc.
Switch (Stackable)

I/O (Copper)
- ZFP I/O Connector
- SCSI II/III
- AMPLIMITE 50 Connector
- CHAMP (RJ21) Connector
- Modular Jack (RJ45)
- Modular Jack (RJ48 for T1/E1 Ports)
- Stacked Modular Jacks (RJ45)
- Magnetic Jacks (RJ45)
- Stacked Magnetic Jacks (RJ45)
- MRJ21
- GBIC
- Integrated Magnetic Jacks PoE (RJ45)
- USB/IEEE 1394
- Fibre Channel
  - HSSDC (GBIC or fixed)
  - HSSDC2 (SFP or fixed)
  - AMPLIMITE 9 pos. Rupt. Connector
- InfiniBand Cable Assemblies
  - 1X HSSDC 2
  - 4X/12X
  - XFP/XPAK
- PCMCIA Connector
- RJ48 Connector
- Cable Assemblies
- SFP Cages
  - Single Port
  - Ganged (1x2, 1x4, 1x6)
  - Stranded (2x1, 2x4, 2x6)

Power (Cable-to-Cable/Board)
- Mini Power Drawer
- MultiBeam XL Connector
- AMP-DUAC PL, 4.2mm PE Connector
- Universal MATE-N-LOK Connector
- Universal MATE-N-LOK II Connector
- Mini Universal MATE-N-LOK Connector
- Micro Universal MATE-N-LOK Connector

Card Product
- CompactFlash Connector
- PCMCIA Connector

Mezzanine/Stacking
- .6, .8, 1.0 FH
- Modu 50/50
- Modu 50/100
- CHAMP Connector
- MICTOR & MICTOR SB Connector
- STEP-Z Connector
- STAX Elastomeric Bd-Bd Connector
- STAX Array Connector

Mid/Backplane Systems
- 2mm HM / UPM
- Futurebus+ Connector
- HS3
- Z-PACK HM-Zd Connector
- MultiGig RT
- FLAT MOE®

Coplanar
- Z-DOK Connector
- 2mm HM
- Z-PACK HM-Zd Connector
- MultiGig RT
- FLAT MOE®

RF Coax
- BNC
- SMA/SMB

Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management
- SILFIL Elastomeric Conductive Silicones

CPU Sockets
- Micro PGA
- PGA
- Slot 1 & Slot 2

Memory Sockets
- SO DIMM
- Angled DIMM
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

Power Management
- MicroPower
Base Station

I/O (Fiberoptic)
- LIGHTAY MPX System Interconnects
- Cable Assemblies (SC, LC, ST, MT-RJ, MPO)
- High Density – LuxCit® Mini Expanded Beam (High Reliability Optics)
- Connectors & Adapters

I/O (Copper)
- ZFP I/O Connector
- SCSI II/III
- AMPLIMITE .050 Connector
- CHAMP (RJ21) Connector
- Modular Jack (RJ45)
- Modular Jack (RJ48 for T1/E1 Ports)
- Stacked Modular Jacks (RJ45)
- Magnetic Jacks (RJ45)
- Stacked Magnetic Jacks (RJ45)
- Integrated Magnetic Jacks PoE (RJ45)
- GBIC
- USB/IEEE 1394
- Fibre Channel
- HSSDC (GBIC or fixed)
- HSSDC2 (SFP or fixed)
- AMPLIMITE 9 pos. Rcpt. Connector
- InfiniBand Cable Assemblies
- 1X HSSDC 2
- 4X/12X
- XFP/XPAK
- RJ48
- Cable Assemblies
- SFP Cages
- Single Port
- Ganged (1x2, 1x4, 1x6)
- Stranded (2x1, 2x4, 2x6)

Power Management
- MicroPower

RF Transceiver
- Passive Devices
- Coupler
- Power Divider
- Transformer
- Ferrite Devices
- Circulator
- Isolator
- Switch
- Attenuators
- Digital
- Variable
- Amplifier
- Mixer
- Synthesizer
- Intergrated Assemblies

Memory Sockets
- DDR (184 pos.)
- DDR II (240 pos.)
- Custom Modules

Card Product
- PCMCIA Connector
- CompactFlash Connector

RF Coax Products
- SMA/SMB
- Type C
- Type N
- Lightning/EMP Proection
- 7-16 Series
- BSA
- Blindmate
- BNC
- Coaxicon
- Decoupled BNC
- MCX
- MMXC
- DSMP
- SSMT
- TNC
- Coax Cable Assemblies

Thermal Management
- CPU (Folded fin)
- CHIP COOLERS Heat Sink
- I/O
- Air Management

Backplane Systems
- 2mm HM / UPM
- Futurebus+ Connector
- HS3
- Z-PACK HM-Zd Connector
- MULTIGIG RT Connector
- Tyco Electronics Printed Circuit Group
- LIGHTRAY MPX (Optical) System Interconnects

Power (Board-to-Board)
- Multi-Beam XL (SSI Std.) Connector
- Crimp Twin Leaf (SSI Std.) Connector
- FLATPAQ Connectors
- MINIPAK Connectors
- AMPOWER Wave Crimp Connector
- Elcon Icon Connector
- CROWN EDGE Connector
- Universal Power Module

Coplanar
- Z-DOK Connector
- 2mm HM
- Z-PACK HM-Zd Connector
- MULTIGIG RT Connector
- Futurebus+ Connector

Cable-to-Cable/Board
- MultiBeam XL Connector
- AMP-PUAC PL, 4.2mm PE Connector
- Universal MATE-N-LOC Connector
- Universal MATE-N-LOC II Connector
- Mini Universal MATE-N-LOC Connector
- Micro Universal MATE-N-LOC Connector
- AMPOWER Multi Pin Plus Connector
- AMPOWER Wave Crimp Connector
- Louvertac Upgrade Contacts
- Mini Power Drawer
- ELCON Drawer Series Connector

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## NIC Card

### I/O (Copper)
- Modular Jack (RJ11 & RJ45)
- Integrated Magnetic Jack (RJ45)
- PCMCIA Connectors and Accessories (Frame and Receptacle)
- 15 Position InfoPort Connector
- Cable Assemblies
- SFP Cages

### I/O (Fiberoptic)
- Cable Assemblies (SC, LC, MT-RJ)

### RF Coax
- Decoupled BNC

### Mezzanine/Stacking
- .5 Fine Stack
- .5 Fine Mate
- .8 Fine Mate
- .4 Fine Stack
- STAX Elastomeric Bd-Bd Connector
- STAX Array Connector
### Mezzanine/Stacking
- FH
- MICTOR & MICTOR SB Connector
- FS
- FM
- 1.25mm AF & 1.27mm AF
- STAX Elastomeric Bd-Bd Connector
- STAX Array Connector

### Card Product
- Smart Card Reader
- PCMCIA Connector and Accessories
- Memory Stick
- SD/MMC
- Compact Flash Connector
- Express Card Connector

### I/O (External)
- USB
- IEEE 1394
- Mini DIN
- Modular Jacks (RJ11 & RJ45)
- Integrated Magnetic Jack (RJ45)
- D-Sub 9, 15, & 25 pos.
- RCA Jack
- AC Power Outlet
- DVI Connector
- Scart Connector
- S-Video Connector
- HDMI Connector (New)
- SATA
- IDC Connector (Latch)

### RF Coax Products
- Terman Shield
- F & G Series
- Terman Shield

### RF Front End Products
- Diplexer
- Low Noise Amplifier
- Transformer
- Balun
- Power Divider
- Attenuator
- Coupler
- Switch
- Mixer
- Integrated Assemblies

### Memory Sockets
- DIMM (SD RAM)
- DDR (184 pos.)

## I/O (Fiberoptic)
- Audio DNP

## Cable-to-Cable/Board
- MTA100 & MTA156
- AMPMODU Headers
- Mini Spring Sockets
- Serial ATA
- Ultra ATA
- CT & Mini CT
- HPI
- Micro-MaTch Connector
- MATE-N-LOK Connector
- PCI

## Other
- Heatsink/Thermal Management
- Tactile Switch
- IDENTO Label

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Catalog 1654952
Revised 08-05
www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
Germany: 49-6251-133-0
## Mobile Phone

### Equipment Profiles

### RF Coax Products
- Switch Coax
- Mini Coax
- Bd to Bd SMT
- FME/SAP
- SSMT
- STAX Bd-Bd Low-Pro Coax (< 4mm) Connector

### RF Transceiver
- Semiconductors
  - PIN Diode
  - Schottky Diode
- Switch
- Mixer
- Digital PA Module
- Digital Transmitter Module (DTx)

### Internal Interconnect
- 0.3 FPC Connector (New)
- 0.5 FPC Connector
- 0.8 WTB
- 1.25mm WTB
- 1.0mm WTB
- ETI STAX Camera Module Socket
- ElastiBoot Microphone Connector
- STAX Clip-On Speaker Connector
- ETI Key-Con Solution (LCD, Mic, Antenna)
- STAX Elastomeric Bd-Bd Connector

### LCD
- 0.4 SLP BTB (New)
- STAX LD 0.50mm Low Profile Elastomeric Connector
- Gold STAX Direct to LCD Glass Connector
- DCS/LCD Connector

### Battery/Power
- Spring Probe Connector (POGO)
- Leaf Type Battery Connector
- Battery Block Connector
- Button Battery Holder

### Card Product
- Memory Stick
- Memory Stick Duo
- SD
- Mini SD
- T-Flash
- MMC
- RS-MMC

### I/O (External)
- Generic CHAMP Type Connector
- Multimedia Interface Connector (10/12/14 pos.)
- W-CDMA Connector
- Mini USB
- Phone Jack
- Cable Assembly
- USB data I/O
- Headset Cable
- Charger Cable

### Antenna
- Internal Main Antenna (MID/Stamping/FPC)
- Internal Blue Tooth Antenna (PWB/Stamping/FPC)

### Other
- Shield Fingers
- IDENTO Label
- Battery Pack
- ETI-SMT Ground-Shield Connector
- STAX Finger Print Recognition Module Connector

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**Dimensions**: Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.

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**Catalog**: 1654952
**Revised**: 08-05
**Website**: www.tycoelectronics.com
Digital Still Camera

I/O (External)
- USB
- Mini USB
- IEEE 1394
- Multimedia Interface Connector (10/12/14 pos.)
- DC Jack
- Stereo Jack

Card Product
- Memory Stick
- SD/MMC/RS-MMC/Mini SD
- Compact Flash Connector
- Smart Media
- PCMCIA Connector
- Combo Card Connector
- T-Flash Connector

Internal Interconnect
- 0.3 FPC Connector (New)
- 0.5 FPC Connector
- 0.8 WTB (New)
- Flex Circuits
- 1.0mm WTB
- 1.25mm WTB
- STAX Bd-flex Connector

Battery/Power
- Battery Connector
- Spring Probe Connector (POGO)
- Battery Holder

Stacking
- 0.4 SLP BTB (New)
- 0.5 BTB
- STAX Low Profile Bd-Bd (0.50mm) Connector

Other
- Shield Finger
- Cable Assembly
- USB
- IEEE 1394
- Power Cord
- Internal Antenna
- Battery Pack
- ETI-SMT Ground-Shield Connector
- C-MOS Socket
- Antenna
Digital Video Camera

**I/O (External)**
- USB
- Mini USB
- IEEE 1394
- Multimedia Interface Connector (10/12/14 pos.)

**Cards Product**
- Memory Stick
- SD/MMC/RS-MMC/Mini SD
- Compact Flash Connector
- Smart Media Connector
- Combo Card Connector
- T-Flash Connector

**Internal Interconnect**
- 0.3 FPC Connector (New)
- 0.5 FPC Connector
- 0.8 WTB (New)
- Flex Circuits
- 1.0mm WTB
- 1.25mm WTB
- STAX Bd-flex Connector

**Battery/Power**
- Battery Connector
- Spring Probe Connector (POGO)
- Battery Holder

**Stacking**
- 0.4 SLP BTB (New)
- 0.5/0.6/0.8 BTB
- STAX Low Profile Bd-Bd (0.50mm)

**Other**
- Shield Finger
- Cable Assembly
- USB
- IEEE 1394
- Power Cord
- Internal Antenna
- C-MOS Socket
- Battery Pack
- ETI-SMT Ground-Shield Connector
# Equipment Profiles

## PDP/LCD TV

### I/O (External)
- D-Sub 15 pos.
- DVI Connector
- Scart Connector
- S-Video Connector
- HDMI Connector (New)
- USB/Mini USB
- IEEE 1394
- Integrated Magnetic Jack (RJ45)
- RCA Jacks

### Card Product
- Memory Stick
- SD
- Compact Flash Connector
- PCMCIA Connector
- Smart Card Connector

### Internal Interconnect
- CT & Mini CT & MIS
- HPI
- Positive Lock
- 0.5, 1.0 & 1.25mm FPC/FFC
- Back Light Connector
- Flex Circuits
- LVDS Solution
- MicroMatch
- Mini CT VP
- Gold STAX Board-Glass Connector
- STAX LD Flex-Board Connector

### Stacking
- 0.4 SLP BTB (New)
- 0.5/0.6/0.8 BTB
- 1.25mm AF & 1.27mm AF
- STAX Low Profile Bd-Bd (0.50mm) Connector

### RF Coax
- BNC
- F & G Series

### Other
- Internal Antenna
- Heatsink/Thermal Management
- Cable Assembly
- USB
- DVI
- HDMI
- IEEE 1394
- Power Cord
- Battery Pack
- ETI-SMT Ground-Shield Connector
### Business Machine

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<tr>
<td>PCMCIA Connector</td>
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</tbody>
</table>

### Stackings
- 0.5/0.6/0.8/1.27mm BTB
### Personal Digital Assistant (PDA)

#### Internal Interconnect
- Mini PCI
- Flex Circuit (0.3mm, 0.5mm)
- Elastomeric Connector
- 0.8, 1.0, 1.25mm WTB
- Cable Assemblies
- AC Power outlet
- Mini USB, Mini 1394
- Multimedia Interface Connector (10, 12, 14)
- Gold STAX Direct to Glass Connector
- STAX LD Flex-Board Connector
- STAX Multi-Row Bd-Bd Connector
- STAX Finger Chip Recognition Module Connector
- ETI ElastiBoot (Mic Connector)
- ETI Chip-On Speaker Interconnect

#### Mezzanine Board (Stacking)
- 60P, 0.5mm 4.9mm Stack Plug
- 60P, 0.5mm 4.9mm Stack Receptacle
- 0.8mm/Fine Stack Connector
- 0.8mm/Fine Mate Connector
- 0.5mm, 30P, Mated Pair, 3.5mm Stack
- 0.5mm, 60P, Mated Pair, 4.9mm Stack
- 0.6mm/ Free Height (FH) Connector

#### RF Transceiver
- Semiconductors
- Semiconductors
- PIN Diode
- Schottky Diode
- Switch
- Mixer
- Digital PA Module
- DTX Connector

#### Card Product
- Memory Stick/MS DUO
- Compact Flash
- SD Card connectors (MP3)
- Mini SD

#### RF Coax Product
- MMCX
- SSMT
- Mini Coax Cable Assemblies

#### Docking
- CHAMP Docking Connector
- Cradle connectors & cable assemblies
- Spring Probe Connectors

#### Battery
- Button Battery Holder (SMT)
- Packs (TDI)

#### Antenna
- Blue Tooth 802.11b Antenna
- MID (Mold Interconnection Device)

#### Memory Sockets
- SIM
- Low Profile SIM
DVD Recorder / Player

Stacking Connectors
- New 0.4 Super Low Profile Board-to-Board
- STAX Low-Pro Bd-Bd Connector (Ht: 0.50mm)

LCD Application
- DCS Connector
- Gold STAX Board to Board Connector
- STAX LD Flex-Board Connector

Internal Interconnect
- 0.5FS
- 0.8SLP Connector, Cable Assembly for Speaker/Microphone

I/O (Connectors)
- W-CDMA I/O
- CHAMP Connector
- RCA Jacks
- DVI
- HDMI
- USB/IEEE 1394
- Pin Jack, Plug Jack Type

I/O (Fiberoptic)
- Audio DNP

Battery
- SPC, Leaf Type
- Battery Holders (Coin Battery)
- Battery Packs

Antenna
- Blue Tooth 802.11b Antenna
- MID (Mold Interconnection Device)

Coax
- Switch Coax, Mini Coax, etc

Other
- ETI-SMT Ground-Shield Connector
- IDENTO Label
### Game Console

#### Stacking Connectors
- New 0.4 Super Low Profile Board-to-Board
- STAX Low-Pro Bd-Bd (Ht: 0.50mm) Connector

#### LCD Application
- DCS Connector
- Elastomeric Products
- Gold STAX Board to Board Connector
- STAX LD Flex-Board Connector

#### Antenna
- Blue Tooth 802.11b Antenna
- MID (Mold Interconnection Device)

#### I/O (Connectors)
- W-CDMA I/O
- CHAMP Connector
- RCA Jacks
- DVI
- HDMI
- USB/IEEE 1394
- Pin Jack, Plug Jack Type

#### I/O (Fiberoptic)
- Audio DNP

#### Battery
- SPC, Leaf Type
- Battery Holders (Coin Battery)
- Battery Packs

#### Internal Interconnect
- 0.8SLP Connector, Cable Assembly for Speaker
- 0.5FS
- ETI-SMT Ground-Shield Connector
- STAX Variable Height Vibratory Motor Connector

#### RF Coax Product
- Switch Coax
- Mini Coax
- SSMT
- F & G Series

#### Other
- IDENTO Label
Website

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