

Tyco Electronics China Strategy

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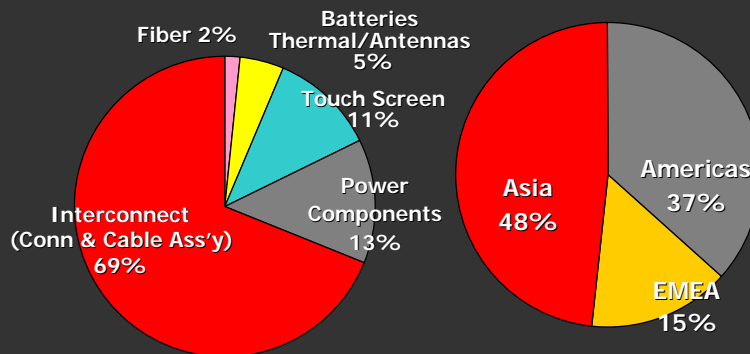
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Tyco Electronics Global Communications, Computer & Consumer Electronics



Total FY2003 Sales : \$2.2B



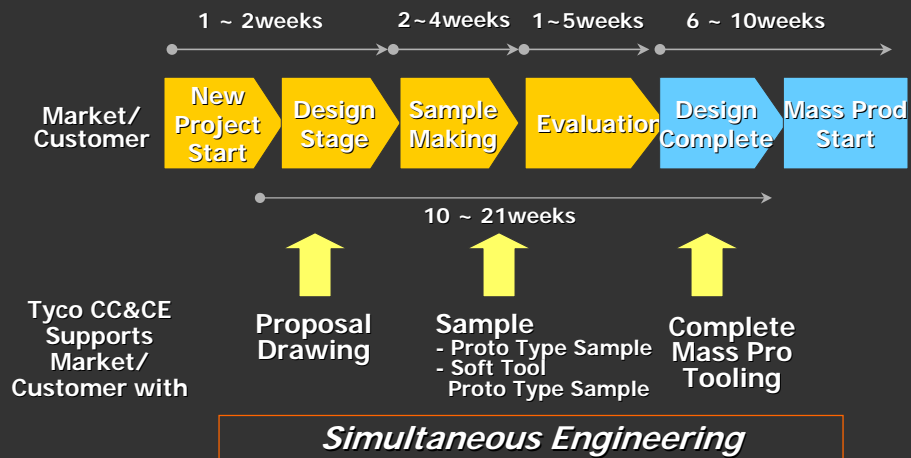
By Product

By Region

- - Strategy - -

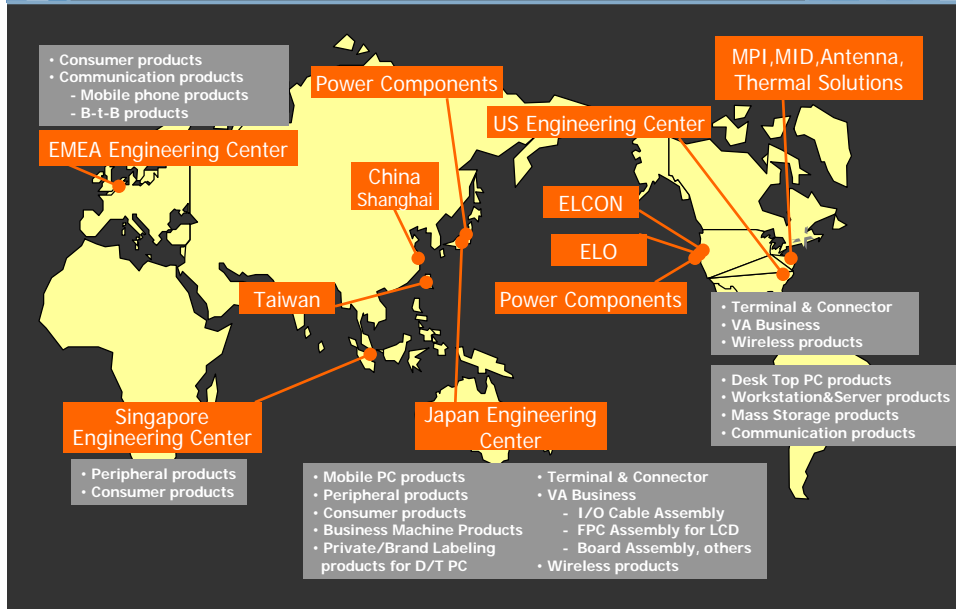
- Technology leadership and new product roadmapping
- Industry leader in development speed
- Competitive cost, quality, delivery, and services with in-house capability and supplier utilization
- Provide circuit and design services and application engineering services
- Partnership with customers by providing **Total Packaging Solution**

New Product Introduction
by Fast Development Speed



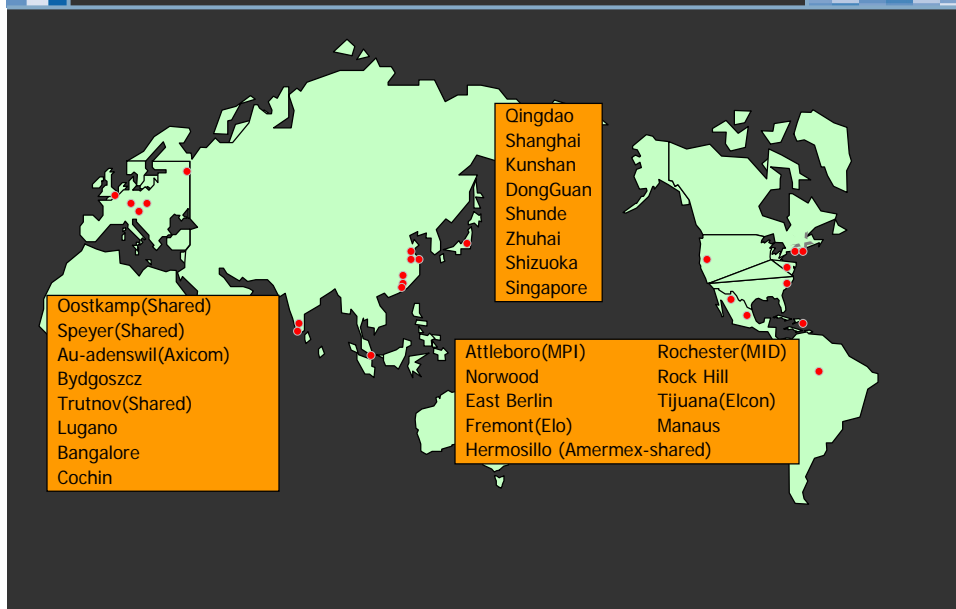
CC & CE New Product Development

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CC&CE Manufacturing Plants

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Expanding Tyco Product Portfolio to PC's



Connectors

Sockets

Cable Assemblies

Antenna

Polyswitch

Battery Packs

ELO TouchSystems

Heatsink

Set Top Boxes



Tyco Electronics Products for STB/TUNER

FPC/FFC Connectors			Board to Board		
0.8 FPC Right Angle	1.8 FPC DF	1.25FFC	0.8FH Connector	0.5FH Connector	
Wire to Board			1.25 AF 20pins	1.25 8 to 8 Connector	2.0 AF 30pins
Mini CT			1.25 AF Connector		
EP			POSITIVE LOCK		

Sample Kit 125004

Set Top Boxes



Digital Still Camera



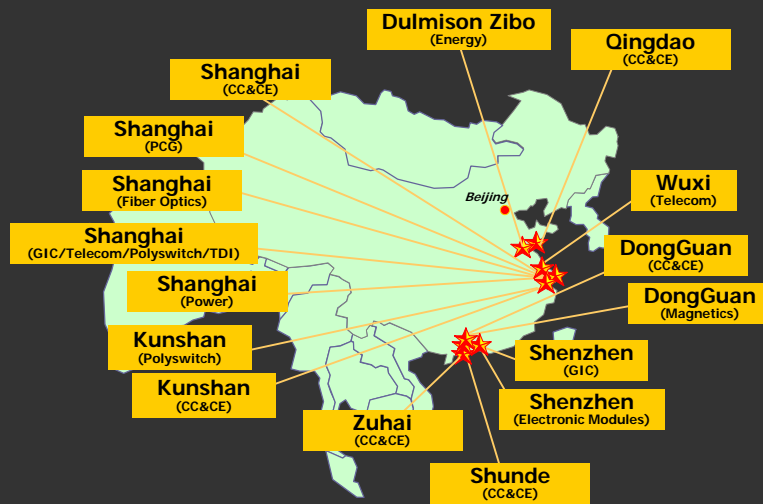
Digital Still Camera



Tyco Electronics Products for DSC/DVC

Solution		Interface	
Elastmer	MID	MMI Connector	
Indento Label	Antenna	Cable Assy (IEEE1394)	Mini USB
tyco / Panasonic / Maxell/Maxell Part Number: 123-89PES Ribbon: 1320-0827-12	FLOWLINE TYPE 1,2,3 PART NO. 1-10000	I-LINK (IEEE1394)	
Memory Stick Connector	SD Card Connector		
Manual Stick (M0001)	Pushlock Switch (M1010)		

Tyco Electronics Manufacturing Sites in China



16 Sites 23,000 Employees

Raychem Shanghai



- Products : Closures, Polyswitch, Cables, Heat Shrinkable Tube Battery Packs
- Sales \$147 Million (FY2003)
 - Domestic China \$70 Million
 - Export \$77 Million



- TDI
 - Acquired 2000
 - Floor Space 4,802 m²
 - Employees 326
 - Certification ISO9002 2001
ISO14001 2003

- Raychem Shanghai Cable Accessories Ltd.
 - Established 1989
 - Location Caohejing Hi-tech Industrial Park
 - Land 18,940 m²
 - Floor Space 8,380 m²
 - Employees 150
 - Certification ISO9002 1996
ISO14001 2003
Hi-Tech Enterprise 1996
- Raychem Electronics Shanghai Ltd.
 - Established 1996
 - Floor Space 5,160 m²
 - Employees 428
 - Certification ISO9002 1999
ISO14001 2003
Hi-Tech Enterprise 2000
- Raychem Shanghai Trading Ltd.
 - Established 1998
 - Location Waigaoqiao, Free Trade Zone
 - Floor Space 1,557 m²
 - Employees 46

Major Products & Customers

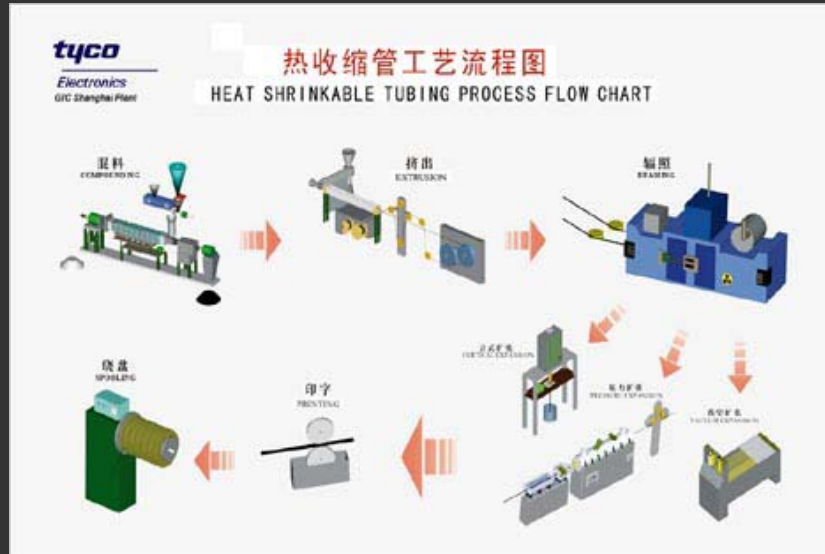


Raychem Shanghai

Products	Customers
Heat Shrinkable Closure	China Telecom, China Netcom, China Mobile, China Unicom
Polyswitch	Sanyo, Sony, Dell, IBM, Intel
TDI Battery Packs	Sony Ericsson, Flextronics, Alpacell
Power Distribution Overhead Line & Cable Accessories	Varies Power Supply Companies in China
Heat Shrinkable Tubing	Hitachi, Hamburg, Favertron, Lumax
SCSI Cable	Cable Assembly Companies

Heat Shrinkable Tubing Manufacturing Processes

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Tyco Electronics AMP Shanghai

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- Established 1992
- Location
 - Caohejing Hi-tech Industrial Park
- Building
 - Land 20,916 m²
 - Floor Space 13,939 m²
 - Employees 2,434
- Products : Various Connectors
- Sales \$72 Million (FY2003)
 - Domestic China \$57 Million
 - Export \$15 Million
- Certification
 - ISO 9001 Quality Management 1996 Jan.
 - High Tech Enterprise 1999 Jun.
 - Shanghai Quality Management Award 2000 Feb.
 - Excellent Economic & Export Performance Enterprise 2000 Jun.
 - QS 9000 2001 Nov.
 - ISO 14001 Environmental Management 2002 Dec.
 - Sony Green Partner 2003 Jul.
 - Customs Clearance Through E-Book 2004 Jan
 - Canon 2003 SuPERS Supplier Award 2004 Feb.

Major Products & Customers

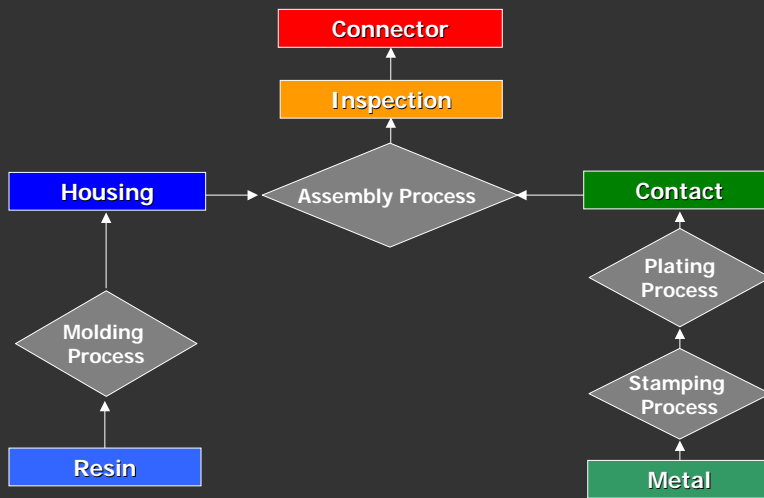
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T/E AMP SHANGHAI

Products	Customers
Cellular Phone Conn., Sim	Nokia, Ericsson, Alcatel, Philips
Sim, Switch Coax	Motorola
Multi Beam, Mini CT	Huawei, Canon, NEC, Haier
DDR, SODIMM, Fax Modem	IBM, Dell, HP

Connector Manufacturing Processes

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Tyco Electronics AMP Qingdao

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- Surveyed 1995 Nov.
- Established 1996 Mar.
- Rented Factory 1996 Aug.
- New Building 2001 Jan.
 - Land 35,000 m²
 - Floor Space 22,259 m²
 - Employees 3,198
- Products : Connectors and Cable Assemblies
- Sales \$97 Million (FY2003)
 - Domestic China \$3 Million
 - Export \$94 Million
- Certification
 - ISO 9002 1998 Oct.
 - ISO 14001 1998 Oct.
 - High Tech Enterprise 2000 May
 - All National Customs Clearance 2001 Nov.
 - Customs Clearance Through Internet 2002 Apr.
 - Intel SCQI Audit 2002 Nov.
 - ISO/TS 16949 2003 Sept.

Socket-T

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