



## MP456P

### Imaging Diagnostic I/O Connector

#### ABOUT MP456P

TE Connectivity's (TE's) MP456P connector is a high density, interposer based connector made available for use in advanced imaging systems. The MP456P connector's innovative design enables high-definition images for medical diagnostic applications and is the result of extensive customer feedback.

The increased pin count on our connector enables customers to add more elements to the imaging diagnostic device, including more power or higher signal-to-ground ratio.

#### TE's MEDICAL ADVANTAGE

- Highest pin count (456) available in the imaging diagnostic market
- Durability through 20,000 mate/de-mate cycles
- Mechanical shaft on receptacle side allows more space and flexibility for imaging device design
- Flexibility to design plug PCB thickness between 1.6mm and 3.2mm
- Market proven design with other industry standard I/O connectors

#### ORDERING INFORMATION

Description	Part Number
Receptacle	2822650-1
Plug Kit	2822672-1

**Contact your local TE sales representative for samples or ordering.**

## MP456P

### Imaging Diagnostic I/O Connector

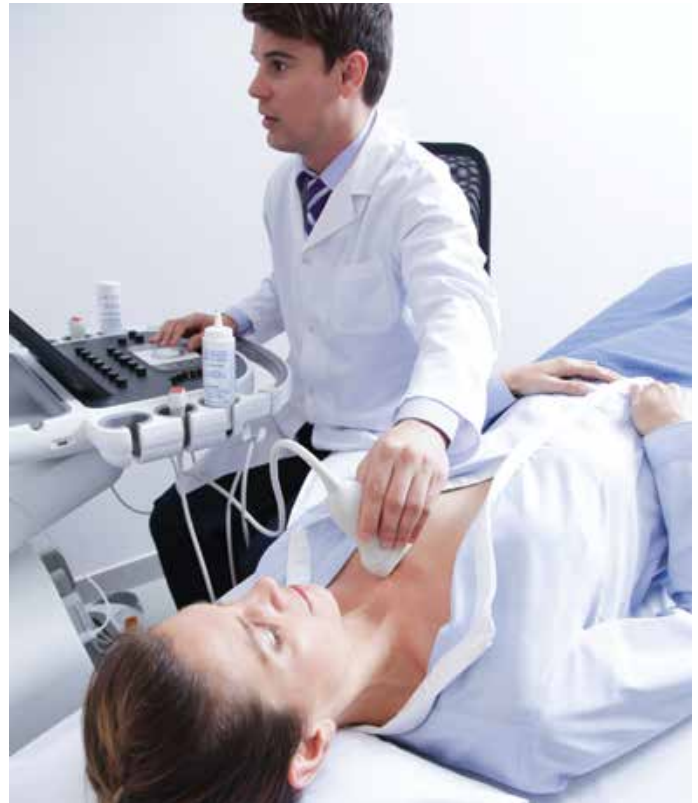
## MP456P Product Specifications

Our engineers created the MP456P to improve upon conventional connectors and give manufacturers more space and flexibility to work with in their designs.

### SPECIFICATIONS

#### Description

Size (mm)	150(l) x 49(w) x 18(h)
Contact counts	456 pos
Contact pitch (mm)	0.8mm
Mating direction	Vertical
Mounting method	Press-fit
Durability	20,000 cycles
Voltage rating	125V AC
Current rating	0.3A/line
Temperature rating	-45°C to 85°C
Location of shaft	Receptacle
Plug PCB thickness (mm)	from 1.6mm to 3.2mm



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### TE's MEDICAL GLOBAL SUPPORT

USA/Canada:	1-866-251-3352
Mexico:	1-855-864-0621
Latin/South America:	54 11 4733 2200
Germany/Switzerland/Austria:	49 6151 607 1999
UK/Ireland:	49 896 089 184
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### TE's MEDICAL BUSINESS

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