

 MADE
IN
GERMANY

Y-CIRC
S E R I E S

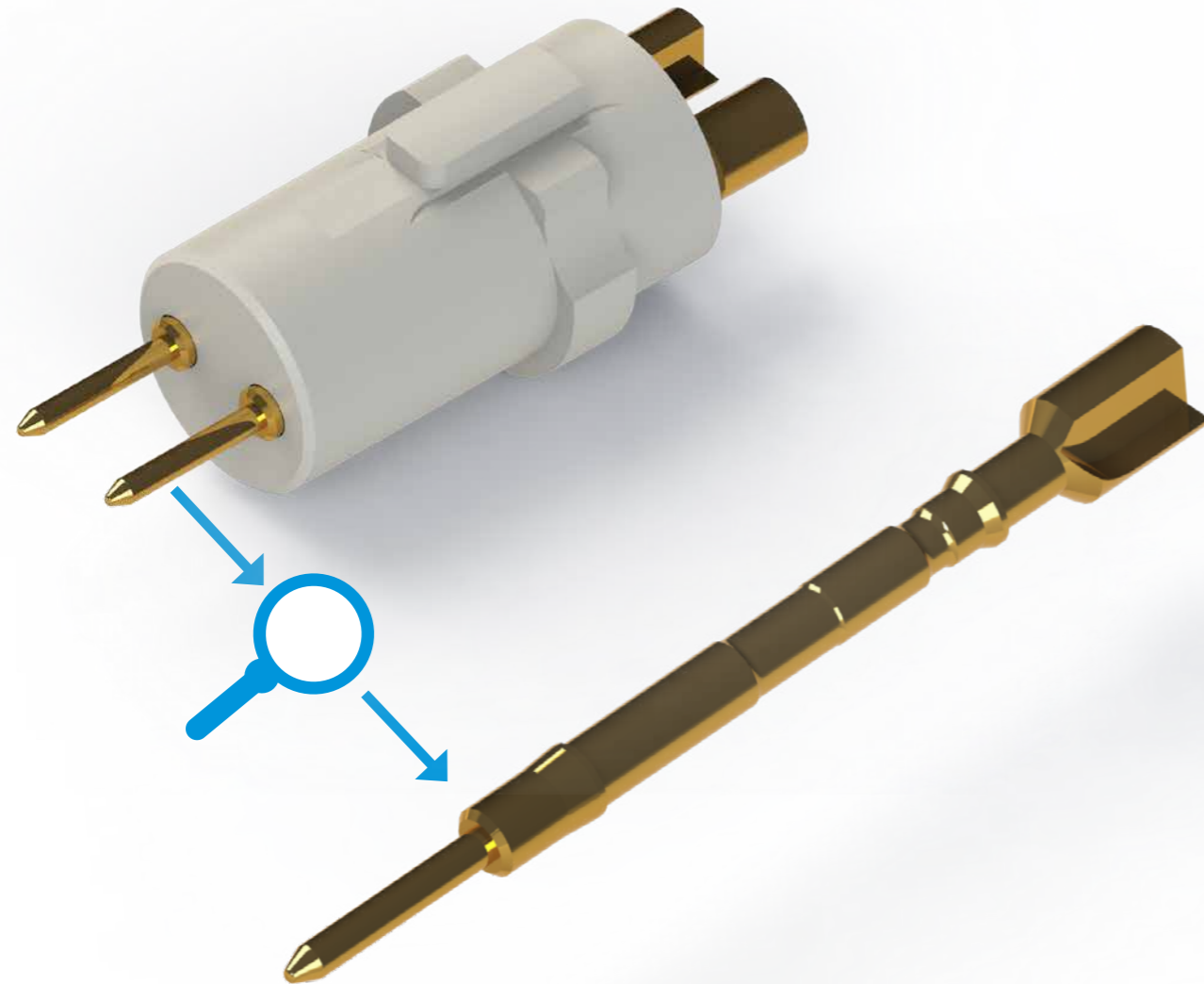
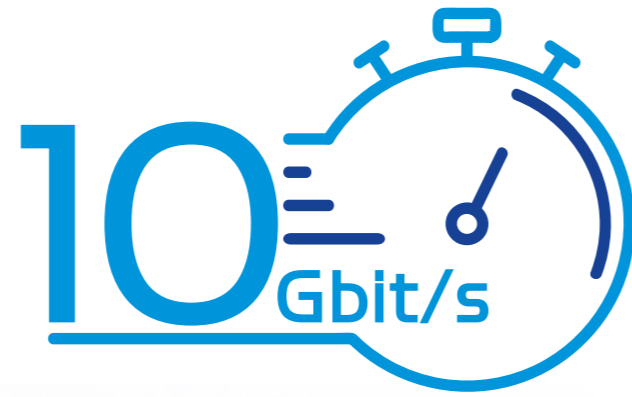


Y-CIRC P
HIGH-SPEED CONNECTOR
FOR SINGLE PAIR ETHERNET AND
AUTOMOTIVE ETHERNET

Y-CIRC P PUSH-PULL CIRCULAR CONNECTOR VARIANTS

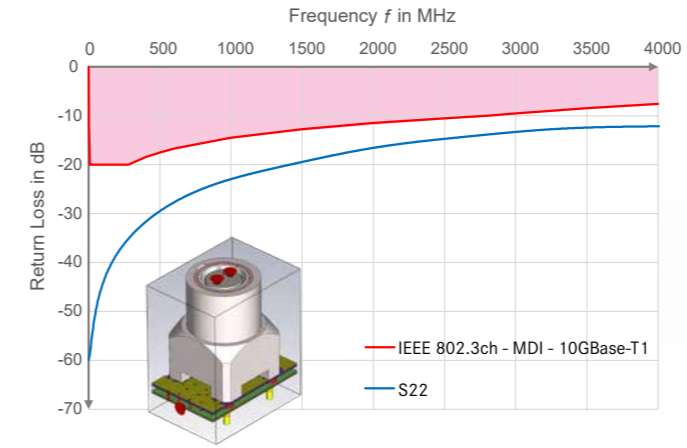
Yamaichi offers many high-speed connectors in general, but also for the Y-Circ P product group. In our in-house laboratory we can develop and simulate pin layouts for high-speed applications. Just as we have successfully realised for Cat6_A, Cat6_A+Power, USB, etc. The S1 pin layout enables the transmission of Single Pair Ethernet up to 10Gbit/s acc. IEEE 802.3ch and also of automotive Ethernet signals according to Open Alliance Standard TC9.

The combination of reliable Push-Pull mechanism in small Size 09 connectors and innovative, patent-pending insulator and contact design offers highest data rates for special test and measurement applications with at least 5,000 mating cycles.



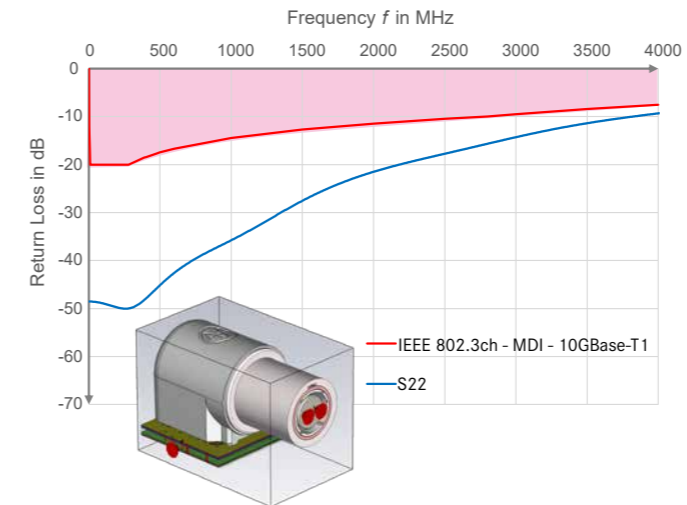
Y-CIRC
SERIES

PERFECT SIGNAL TRANSMISSION FOR VARIOUS CONNECTOR TYPES



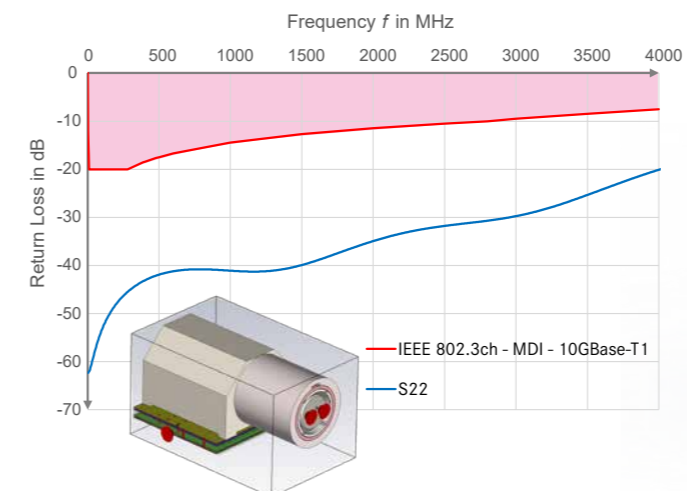
STRAIGHT PCB SOCKET

For straight PCB applications with ground connection



ANGLED PCB SOCKET

For angled PCB applications with ground connection



ANGLED SPECIAL PCB SOCKET

For straight PCB applications with ground connection



VARIOUS CONNECTOR TYPES

Connector Types				
Connector Series	B-Series			
Connector Group	Cable Plug	Straight PCB Socket	Angled PCB Socket	
Connector Type	PB/PR	WG/WH	WE/WI	WI-Special
Size	09			
Pin Count	02 (S1)			
Contact Diameter	0.5 mm			
Contact Type	Solder	Print THT		
Contact Cross Section	0.25mm ²	0.5mm	0.6mm	0.6mm
Acc. to IEEE 802.3ch 10 Gbit/s	✓	✓	✓	✓
Acc. to TC9	✓			✓

Y-CIRC P HIGH-SPEED CONNECTOR FOR SINGLE PAIR ETHERNET AND AUTOMOTIVE ETHERNET

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The specifications are subject to change without notice.

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