



ISORATE®
ISOLATED EDGE RATE CONTACT

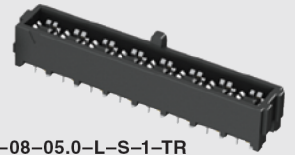
(4.00 mm) .1575"

IJ5-04-05.0-L-S-1-TR

IJ5-01-05.0-L-S-1-TR



IJ5-04-05.0-L-D-1-TR



IJ5-08-05.0-L-S-1-TR

IJ5 SERIES

50 Ω HIGH ISOLATION RF JACKS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.toby.co.uk

Shell Material:

Copper Alloy

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Dielectric Material:

Black LCP

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Current Rating (Vertical):

Signals: 2.36 A per pin

(2 adjacent pins powered)

Grounds: 4.4 A per pin

(2 adjacent pins powered)

Operating Temp Range:

-55 °C to +125 °C

Dielectric

Withstanding Voltage:

600 VAC

Working Voltage:

200 VAC

RoHS Compliant:

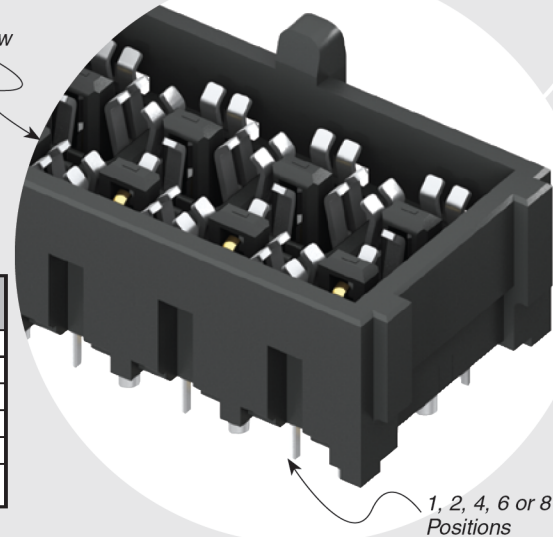
Yes

Mates with:

IP5

IP5/IJ5 10 mm Stack Height	Frequency
Insertion Loss = 3 dB	10.5 GHz / 21.0 Gbps
Return Loss = 15 dB	5.5 GHz / 11.0 Gbps
Isolation = 60 dB	8.8 GHz / 17.6 Gbps
Isolation = 70 dB	7.6 GHz / 15.2 Gbps
Isolation = 80 dB	1.3 GHz / 2.6 Gbps
Complete test data available: contact.sales@toby.co.uk	

Single or
Double Row



PROCESSING

Lead-Free Solderable:
Yes

RECOGNITIONS

For complete scope
of recognitions see
www.toby.co.uk



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

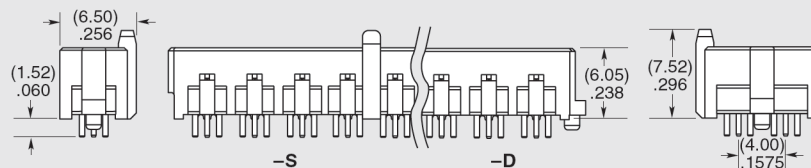
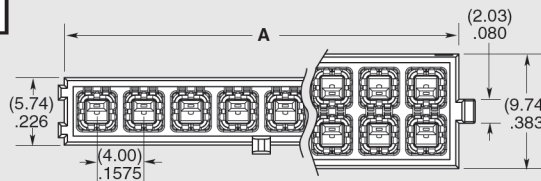
- Other stack heights
 - Other PCB thicknesses
- Contact Samtec.

OTHER SOLUTIONS

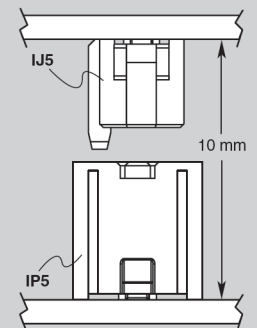
- Cable assembly
(see IJ5C Series)

IJ5	JACKS PER ROW	05.0	PLATING	ROW OPTION	TAIL	TR
	-01, -02, -04, -06, -08		-L = 10 μ" (0.25 μm) Gold on contact area, Matte Tin on tail	-S = Single Row -D = Double Row (Not available with -01)	-1 = (1.60 mm) .062" board thickness	-TR = Tape & Reel

NO. OF JACKS	A
-01	(5.55) .219
-02	(9.55) .376
-04	(17.55) .691
-06	(25.55) 1.006
-08	(33.55) 1.321



APPLICATION



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.TOBY.CO.UK

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.