

Series 15

RCA connectors



STO · XSTO · 1573	KTO · XKTO	BTO	BTOR · 1552 · 1553
RCA plugs, straight, with solder connection	RCA sockets, straight, with solder connection	RCA chassis sockets, with solder connection	RCA chassis sockets, for printed circuit boards

without bend protection STO 1	without bend protection KTO 1	BTO 1 BTO 1 V gold	BTOR 1 1552 02 V gold 1553 02 angular
with bend protection XSTO 1 STO 2 metal housing 1573 01 V metal housing, gold	with bend protection XKTO 1		

<i>Number of poles</i>	2			
<i>Contact plating</i>	nickel (1573 01 V gold)	nickel	nickel (BTO 1 V gold)	tin/nickel (1552 02 V gold)
<i>Rated current</i>	2 A			
<i>Rated voltage</i>	34 V AC/DC			

Series 01

Miniatur and DIN circular connectors

for IP40/IP68 see series 03

Circular DIN connectors according to IEC 60130-9 resp. IEC 61076-2-106. Easy mounting, large variety, compatible systems. For signal and low load currents up to 4 A.



MP-371 · MJ-372 · TM 0508 A	0131 · 0121 · WB	0137 · 0103	0132 · 0134 · 0122 · 0107
Miniatur circular connectors (with bend protection and solder connection) and miniature chassis socket (for printed circuit boards)	Circular DIN connectors, shielded (with bend protection and solder connection) and circular DIN chassis sockets (for printed circuit boards)	Circular DIN connector, shielded, with locking latch (with bend protection and solder connection) and circular DIN chassis socket (with solder connection)	Circular DIN connectors, shielded, with bayonet locking (with bend protection and solder connection) and circular DIN chassis socket (with solder connection)

MP-371 plug MJ-372 socket	0131 plug 0121 socket	0137 plug 0103 chassis socket	0132 plug, straight 0134 plug, angular 0122 socket 0107 chassis socket
TM 0508 A chassis socket	WB chassis socket		

<i>Number of poles</i>	4, 6, 8 (TM 0508 A 4–8)	3–8 (WB 5, 6, 8)	3–8 (0107 3, 4, 5, 7, 8)	3–8 (0107 3, 4, 5, 7, 8)
<i>Contact plating</i>	silver (TM 0508 A fl. gold)		silver (WB tin)	
<i>Rated current</i>	1 A AC	4 A		
<i>Rated voltage</i>	100 V AC	60 V AC (WB 24 V AC/34 V DC)		

Series 24

USB and IEEE 1394 connectors



2410	2410 · 2412	2411	2486	2431 · 2480 · 2482	2420	2416 · 2415 · 2417
USB 2.0 chassis plug type A, for printed circuit boards	USB 2.0 chassis sockets type A, for printed circuit boards	USB 2.0 chassis sockets type B, for printed circuit boards	Mini USB 2.0 chassis sockets, for printed circuit boards	USB 2.0 connecting cables	USB 3.0 chassis sockets type A, for printed circuit boards	IEEE 1394 chassis sockets, for printed circuit boards

2410 08 angular 2410 07 angular, SMT	2410 01 upright 2410 02 angular 2410 06 angular, SMT double, angular 2410 05 2410 03 with ground contacts 2410 09 with ground contacts 2412 01 protective cap	2411 01 upright 2411 02 angular 2411 03 angular	angular, SMT 2486 01 type B 2486 03 type B	type-A plug to type-B plug 2431 01 length 1 m 2431 02 length 2 m 2431 03 length 3 m 2431 05 length 5 m type-A plug to mini type-B plug 2480 01 length 1 m 2480 02 length 2 m 2480 03 length 3 m type-A plug to micro type-B plug 2482 01 length 1.50 m	2420 01 angular 2420 02 angular, SMT	2416 01 angular 2415 01 upright 2417 01 angular 2417 02 angular, SMT
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	4		5	4/5	9	6 (2416 4)
	gold		gold	gold	gold	sel. gold
	1 A		0.5 A	2431, 2482 1 A, 2480 0.5 A	1.5 A	1 A (2416 0.5 A)
	30 V AC		5 V AC	2431, 2482 30 V AC, 2480 5 V AC	100 V AC	30 V AC (2416 5 V AC)

Series 16

Power supply connectors

Mostly according to DIN 45323, JEITA RC-5320A or JEITA RC-5322. Given measures: Diameters from outermost inward. For low load currents up to 4 A.



NES/J · XNES/J · 1633	NEK/J	1614 · 1610 · NEB/J	1613 · NEB/J · NEB	1634 · 3610 · 1613	NES · NEB	1636	1614	1613	1636 · 1613	1636 · 1614
Power supply plugs, with solder connection	Power supply sockets, with solder connection	Power supply chassis sockets, straight, with solder connection	Power supply chassis sockets, angular, with break contact, for printed circuit boards	Power supply connectors with bayonet locking	Power supply connectors according to DIN 45323	Power supply plugs according to JEITA RC-5320A , straight, with bend protection and solder connection	Power supply chassis sockets according to JEITA RC-5320A , with break contact, with solder connection	Power supply chassis sockets according to JEITA RC-5320A , with break contact, for printed circuit boards	Power supply connectors according to JEITA RC-5322	Power supply connectors

straight, without bend protection NES/J 135, 1631 01 3.4/1.4 mm 0.5 A NES/J 21 5.5/2.1 mm 0.5 A NES/J 210 5.5/2.1 mm 0.5 A NES/J 25 5.5/2.5 mm 1 A NES/J 250 5.5/2.5 mm 1 A straight, with bend protection XNES/J 210 5.5/2.1 mm 0.5 A 1633 02 5.5/2.1 mm 4 A XNES/J 250 5.5/2.5 mm 1 A 1634 02 5.5/2.5 mm 4 A angular, without bend protection NES/J 21 W 5.5/2.1 mm 0.5 A	straight, with bend protection NEK/J 210 5.7/2.0 mm 0.5 A NEK/J 250 5.7/2.35 mm 1 A	1614 17, 1614 18 3.6/1.3 mm 0.5 A 1614 16 5.6/2.0 mm 0.5 A 1614 09, 1614 19 5.7/2.0 mm 0.5 A 1614 10, 1614 20 5.7/2.35 mm 1 A 1610 02 5.8/1.95 mm 0.5 A 1610 01, 1610 05 5.8/2.35 mm 1/2 A NEB/J 21 C 6.3/2.0 mm 0.5 A XNES/J 250 5.5/2.5 mm 1 A with fixing flange NEB/J 21 6.5/1.9 mm 0.5 A NEB/J 25 6.5/2.35 mm 1 A	1613 12 4.2/1.3 mm 0.5 A 6V 1613 20 4.5/1.3 mm 0.5 A 6V NEB/J 21 R 6.0/1.9 mm 0.5 A 12V NEB 21 R 6.0/1.95 mm 3 A 12V NEB/J 25 R 6.0/2.35 mm 1 A 12V 1613 21 6.0/2.35 mm 3 A 12V 1613 18 6.3/2.0 mm 1 A 24V SMT 1613 14 6.5/2.0 mm 3.5 A 24V 1613 15 6.5/2.45 mm 3.5 A 24V	plug, with solder connection 1634 01 5.5/2.5 mm chassis socket, with break contact and solder connection 1610 04 6.3/2.35 mm chassis socket, with break contact, for printed circuit boards 1613 23 5.7/2.35 mm	plug, with solder connection NES 1 6.0/1.98 mm chassis socket, solder connection NEB 1 straight, 6.6/1.9 mm chassis socket with break contact, for printed circuit boards NEB 1 R angular, 6.6/1.9 mm	1636 01 JSAP1, 2.35/0.7 mm 3.15V 1636 02 JSAP2, 4.0/1.7 mm 6.3V 1636 03 JSAP3, 4.75/1.7 mm 10.5V 1636 04 JSBP4, 5.5/3.3/1.0 mm 13.5V 1636 05 JSBP5, 6.5/4.3/1.4 mm 18V	1614 05 JSBJ5, 5.9/3.0/1.45 mm	1613 03 JSJA11, 2.75/0.65 mm 3.15V 1613 05 JSJA21, 4.4/1.6 mm 6.3V 1613 04 JSJAJ21, 4.4/1.65 mm 6.3V 1613 07 JSJAJ31, 5.15/1.65 mm 10.5V 1613 09 JSBJ4, 5.15/3.0/1.05 mm 13.5V 1613 10 JSBJ41, 5.15/3.0/1.05 mm 13.5V 1613 11 JSBJ51, 7.0/4.0/1.45 mm 18V	plug, with solder connection 1636 06 JCBP1, 6.5/4.1/1.0 mm chassis socket with break contact, for printed circuit boards 1613 19 JCBJ11, 7.0/3.0/1.05 mm	plug, with solder connection 1636 07 7.9/5.6/0.9 mm chassis socket with break contact 1614 21 8.0/5.4/1.00 mm
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	2			2						
	tin/nickel/silver			nickel/tin		nickel	tin/silver	tin/nickel/silver	nickel/silver	nickel
0.5/1/4 A	0.5/1/2 A		0.5/1/3/3.5 A	1 A		3 A	2 A		2 A	10 A
	12 V DC (1610 05 24 V DC)		6/12/24 V DC	12 V DC		34 V DC	3.15/6.3/10.5/13.5/18/24 V DC	18 V DC	24 V DC	20 V DC

Series 25

Modular connectors



P 12... · P 30... · 2532	P 13... · 2533	2541
Modular plugs, with piercing contacts	Modular chassis sockets, with flange	Double modular chassis socket, fully shielded, straight, with flange and locking latch

P 126 RJ-10, 4p4c P 127 RJ-11, 6p4c P 128 RJ-12, 6p6c P 129 RJ-45, 8p8c P 129 S RJ-45, 8p8c, shielded P 303 10p10c P 303 S 10p10c, shielded 2532 bend protection grommet	angular P 133 RJ-45, 8p8c, shielded P 137 S RJ-45, 8p8c, fully shielded upright P 136 RJ-45, 8p8c, fully shielded 2533 protective cap	2541 01 RJ-45, 8p8c
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4/6/8/10	8	8
	gold	
2 A		1.5 A
≤ 250 V		150 V

Series 15

Jack connectors

3.5 mm stereo

According to JIS C 6560/JEITA RC-5325A. Size 3.5 mm, stereo, large variety. For audio and video signal currents as well as low load currents up to 1 A.

Number of poles

Contact plating

Rated current

Rated voltage



KLS 4... · WKLS 40

Jack plugs, with solder connection 3.5 mm, stereo

straight, with bend protection
KLS 40 JC35P3
KLS 44 JC35P3, metal housing

angular, without bend protection
WKLS 40 JC35P3



1520 · KLB 4

Jack sockets, with solder connection 3.5 mm, stereo

straight, with bend protection
1520 01 JC35J3A
1520 02 JC35J3A, metal housing

chassis socket, straight
KLB 4 JC35J3A



1502 · 1503 · KLBR 4

Jack chassis sockets, for printed circuit boards 3.5 mm, stereo

upright
1502 01 JC35J3A

angular
1503 07, **1503 08** JC35J3A
KLBR 4 JC35J3Z, w. break contact
1503 02, **1503 03** JC35J3A, SMT
1503 09, **1503 17** JC35J3B, 2 break contacts



1532 · 1502

Jack connectors, with threaded joint M11 3.5 mm, stereo

plug with bend protection and solder connection
1532 05 JC35P3

chassis socket with solder connection
1502 04 JC35J3A



1532

Jack plug, with solder connection 3.5 mm, stereo according to **JEITA RC-5325A**

1532 02 JC35P4 straight



1502

Jack chassis socket, with solder connection 3.5 mm, stereo according to **JEITA RC-5325A**

1502 02 JC35J4A straight



1503

Jack chassis sockets, for printed circuit boards, angular 3.5 mm, stereo according to **JEITA RC-5325A**

1503 10 JC35J4A
1503 10 V209 JC35J4A
1503 13, **1503 15** JC35J4A, SMT
1503 16 JC35J4A, potted IPx7

3
tin/nickel/silver/gold
1 A
34 V AC/DC (1520 12 V DC)

3
nickel/gold
1 A
34 V AC/DC

4
nickel/silver (1503 10 V209 gold)
1 A
34 V AC/DC

Series 15

Jack connectors

2.5/3.5/6.35 mm

According to JIS C 6560. Size 2.5/3.5/6.35 mm, large variety. For audio and video signal currents as well as low load currents up to 0.5/1/2 A.

Number of poles

Contact plating

Rated current

Rated voltage



KLS 1 · KLS 10 · KLB... 1

Jack connectors 2.5 mm, mono

plugs with bend protection and solder connection
KLS 1 straight, ball-headed
KLS 10 JC25P2, straight, cone-h.

chassis sockets with break contact
KLB 1 JC25J2B, straight, with solder connection
KLBR 1 JC25J2B, angular, for printed circuit boards



KLS 13 · KLB 13

Jack connectors, with solder connection 2.5 mm, stereo

plug with bend protection
KLS 13 JC25P3, straight

chassis socket
KLB 13 JC25J3A, straight



1501

Jack chassis sockets, for printed circuit boards, angular 2.5 mm, stereo

with plastic collar
1501 03, **1501 05** JC25J3A
1501 07 JC25J3B, SMT, 2 break contacts

with metal collar
1501 04, **1501 06** JC25J3A
1501 02 JC25J3B, SMT, 2 break contacts



KLS 2... · 1532 · WKLS 2

Jack plugs, with solder connection and bend protection 3.5 mm, mono

KLS 2 ball-headed, straight

cone-headed
1532 06 JC35P2, straight
KLS 22, **1532 04** JC35P2, straight, with metal housing

WKLS 2 JC35P2, cone-headed, angular (without bend protection)



1522 · 1502 · 1503

Jack sockets 3.5 mm, mono

with bend protection and solder connection, straight
1522 02 JC35J2A
1522 03 JC35J2A, metal housing

chassis sockets for printed circuit boards (manual soldering)
1502 03 JC35J2B, straight
1503 12 JC35J2B, angular
chassis sockets for printed circuit boards
1503 06 JC35J2B, angular



KLSM 3 · KLKM 3 · KLBM 3

Jack connectors, with solder connection 6.35 mm, mono

plug, with bend protection
KLSM 3 JC63P2, straight

socket, with bend protection
KLKM 3 JC63J2A, straight

chassis socket
KLBM 3 JC63J2A, straight



KLS 3... · KLK 3 · KLB...3

Jack connectors, with solder connection 6.35 mm, stereo

plug, with bend protection
KLS 3 JC63P3, straight
socket, with bend protection
KLK 3 JC63J3A, straight
chassis sockets
KLB 3, **KLBP 3** JC63J3A
KLBP5 3 JC63J3Z, break contact
KLBP55 3 JC63J3E, 2 change-over switches

2
nickel/silver
0.5 A
34 V AC/DC

3
tin/nickel/silver/gold
0.5 A (1501 06 1 A)
34 V AC/DC (1501 06 12 V DC)

2
tin/nickel/silver
1 A
34 V AC/DC

2
nickel
2 A
34 V AC/DC



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Overview

Datacom Connectors

