

SERVO DRIVE

Cheat sheet

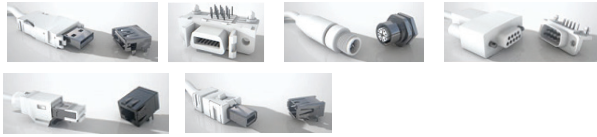
Overview



Servo Drive solutions

Servo drive systems are essential elements in automation control. Integrated servo systems drive digital signal processing, requiring high speed performance to ensure smooth operation and high precision motion. TE Connectivity's wide range of interconnect solutions cover the whole area for Servo Drives, from proven board to board interconnect and reliable terminal blocks, up to high speed industrial Ethernet.

INPUT / OUTPUT



PREFERRED PN DESCRIPTION FULL PARTNUMBER

A.1 MODULAR JACKS AND PLUGS

RJ45

RJ45 IE PLUG IP20 4POS 180DEG FIELD INST.	1903526-1
RJ45 IE PLUG IP20 4POS 45DEG FIELD INST	1987236-1
RJ45 IE PLUG IP20 8POS 180DEG FIELD INST.	1903527-1
RJ45 IE PLUG IP20 8POS 45DEG FIELD INST.	1987236-3
RJ45 CAT5 HORIZONTAL RECEPTACLE 8POS THT	1-5406299-1
RJ45 CAT5 HORIZONTAL RECEPTACLE 8POS SMT	2178126-2
RJ45 CAT5 VERTICAL RECEPTACLE 8POS THT	6116202-2
RJ45 CAT5 VERTICAL RECEPTACLE 8POS SMT	1705549-2
IP20 JACK WITH RJ45 CAT5E 8 POS; UNSHIELDED;IDC	1987671-1
IP20 JACK WITH RJ45 CAT5E 8 POS; SHIELDED	1987672-1

A.2 MINI I/O

MINI IO PLUG TYPE II FI; ISOLATION DIAMETER 1.05-1.15MM	1-2201855-1
MINI IO PLUG TYPE II FI; ISOLATION DIAMETER 0.93-1.05MM	1-2201855-2
MINI IO PLUG TYPE II SOLDER	2040008-1
MINI IO VERTICAL RECEPTACLE TYPE II SMT WITH CAP	1-1971885-2
MINI IO VERTICAL RECEPTACLE TYPE II SMT WITHOUT CAP	1971885-2
MINI IO HORIZONTAL RECEPTACLE TYPE II SMT T&R	2069552-2
MINI IO HORIZONTAL RECEPTACLE TYPE II SMT TRAY	1981386-1

A.3 CIRCULAR INDUSTRIAL

M12XCODE

M12 X-CODE PLUG CABLE ASSY DOUBLE ENDED 1MTR...10MTR	2241021
M12 X-CODE REAR PANEL MOUNT WIRE RECEPTACLE	2271195-1
M12 X-CODE REAR PANEL MOUNT PCB RECEPTACLE	2232331-1
M12 X-CODE MALE CONNECTOR INSTALLABLE (IDC)	2120952-1

A.4 DATA INTERCONNECT

USB 2.0

USB 2.0 INDUSTRIAL PLUG	2013798-1
USB 2.0 VERTICAL RECEPTACLE TYPE A THT	1734366-1
USB 2.0 HORIZONTAL RECEPTACLE TYPE A SMT	5353929-1

A.5 CHAMP

CHAMP CONNECTORS

1.27MM PCB PLUG CONNECTOR	3-2232346-1
1.27MM CABLE RECEPTACLE CONNECTOR	3-2232516-1

A.6 D-SUB

STANDARD BOARD MOUNT CONNECTORS

DSUB 9POS RIGHT ANGLE PLUG THT	788792-1
DSUB 9POS CABLE CONNECTOR RECEPTACLE	1-747943-5

A.7 TERMINAL BLOCK

EUROSTYLE TERMINAL BLOCK

3.50MM FIXED TERMINAL BLOCK SIDE ENTRY SREW THT	284391-3
3.50MM PUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284514-3
3.50MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284512-3
3.50MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284506-3
3.81MM FIXED TERMINAL BLOCK SIDE ENTRY SREW THT	284392-3
3.81MM PUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284517-3
3.81MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284513-3
3.81MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SPRING	1986720-3
5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SREW THT	796683-3
5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SPRING THT	1776261-3
5.00MM PUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796642-3
5.00MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796644-3
5.00MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284040-3
5.08MM FIXED TERMINAL BLOCK SIDE ENTRY SREW THT	282841-3
5.08MM PUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796636-3
5.08MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796638-3
5.08MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284041-3
3.50MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284512-3
3.50MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284506-3
3.81MM FIXED TERMINAL BLOCK SIDE ENTRY SREW THT	284392-3
3.81MM PUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284517-3
3.81MM PUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284513-3
3.81MM PUGGABLE TERMINAL BLOCK VERTICAL PLUG SPRING	1986720-3

BOARD TO BOARD



PREFERRED PN DESCRIPTION FULL PARTNUMBER

A.8 CARD EDGE CONNECTORS

TWIN LEAF

1.27MM VERTICAL RECEPTACLE SMT	1903188-8
1.27MM RIGHT-ANGLE PLUG SMT	1903187-8
3.96MM TWINLEAF EDGE CARD CONNECTOR	1-5583660-0

A.9 MEZZANINE CONNECTORS

Z-STACK

0.6MM HERMAPHRODITIC CONNECTORS SMT	1123677-1
0.6MM BOARD TO BOARD PLUG & RECEPTACLE	2069389

A.10 FREE HEIGHT

0.8MM BOARD TO BOARD RECEPTACLE SMT	5177985-1
0.8MM BOARD TO BOARD HEADER SMT	5177984-1
0.8MM BOARD TO BOARD RECEPTACLE	2-1735482-1
0.8MM BOARD TO BOARD PLUG	5-5177986-1

A.11 MICRO-STACK

0.6MM RECEPTACLE SMT	6376608-1
0.6MM HEADER SMT	1554218-2
0.6MM BOARD TO BOARD PLUG	2229625-1
0.6MM BOARD TO BOARD RECEPTACLE	6376608-1

A.12 AMPMODU 2.54MM

SHROUDED HEADER

2.54MM 2ROW SHROUDED HEADER, VERTICAL THT	28038
2.54MM 2 ROW RIGHT-ANGLE SHROUDED HEADER THT	280390

UNSHROUDED HEADER

2.54MM 2ROW UNSHROUDED HEADER, VERTICAL SMT	1241050
2.54MM 2ROW UNSHROUDED HEADER, VERTICAL THT	826632
2.54MM 2ROW UNSHROUDED HEADER, HORIZONTAL THT	826634

PCB RECEPTACLE

2.54MM 2ROW VERTICAL PCB RECEPTACLE SMT	969973
2.54MM 2ROW VERTICAL PCB RECEPTACLE THT	215315
2.54MM 2ROW HORIZONTAL PCB RECEPTACLE THT	216604
2.54MM 2ROW UNSHROUDED HEADER, VERTICAL THT	828296

AMPMODU 2.54X1.27MM

2.54X1.27MM SHROUDED HEADER, VERTICAL SMT	147377
2.54X1.27MM PCB RECEPTACLE, VERTICAL THT	104078

AMPMODU 2.00MM

SHROUDED HEADER

2.00MM 2ROW SHROUDED HEADER, VERTICAL THT	1470109
2.00MM 2ROW SHROUDED HEADER, VERTICAL SMT	2041068
2.00MM 2 ROW RIGHT-ANGLE SHROUDED HEADER THT	2-1734493-0

UNSHROUDED HEADER

2.00MM 2ROW UNSHROUDED HEADER, VERTICAL SMT	5084476
2.00MM 2ROW UNSHROUDED HEADER, VERTICAL THT	1734508
2.00MM 2ROW UNSHROUDED HEADER, HORIZONTAL THT	1734508

PCB RECEPTACLE

2.00MM 2ROW VERTICAL PCB RECEPTACLE SMT	1734606
2.00MM 2ROW VERTICAL PCB RECEPTACLE THT	1470209
2.00MM 2ROW HORIZONTAL PCB RECEPTACLE THT	1734531

RELAYS



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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A.13

RELAY

INDUSTRIAL (GENERAL PURPOSE)

RYII series

RY212012		5-1393224-5
RY212024		5-1393224-8
V23091-A1012-A201		1393236-4

SNR series

V23091-A1024-A201		2-1393236-1
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Relay Package SNR

ST3P2LC4		3-1416100-0
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Relay Package RT

RT3S4LC4		4-1415073-1
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Relay Package XT

XT3S4LC4		4-1415540-1
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Relay Package PT

PT5L7LC4		1415535-9
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Interface Power Relay RT1

RT314024		9-1393239-8
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Interface Plug-in Relay XT

XT484LC4		1887212-1
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Miniature Relay PT

PT570024		1-1393154-2
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Multimode Relay MT

MT321024		7-1393091-0
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Power Relay RM 2/3/7

RM702024		8-1393146-5
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Power Relay RM 5/6/B 3mm

RM602024		1393844-4
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Power Relay RM 8 (25A)

RM809024		5-1393149-8
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A.14

EMI/RFI FILTER



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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AYO SERIES

	THREE PHASE EMI/RFI FILTER	6609066-2
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CABLED POWER CONNECTORS



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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A.15

DYNAMIC SERIES CONNECTORS

DYNAMIC 3100 SERIES

3.81MM 1ROW VERTICAL HEADER TMT		1-178316-2
3.81MM 1ROW RECEPTACLE HOUSING CTW		1-178288-6
3.81MM CTW CONTACT		917484-2

Dynamic 3500 series

5.08MM MODULAR HORIZONTAL HEADER TMT		177555-2
5.08MM MODULAR RECEPTACLE HOUSING CTW		175363-1
5.08MM CTW CONTACT		917484-2

Dynamic 3950 series

7.5MM 1ROW HORIZONTAL HEADER TMT		1-2013519-3
7.5MM 1ROW RECEPTACLE HOUSING CTW		1-2134249-3