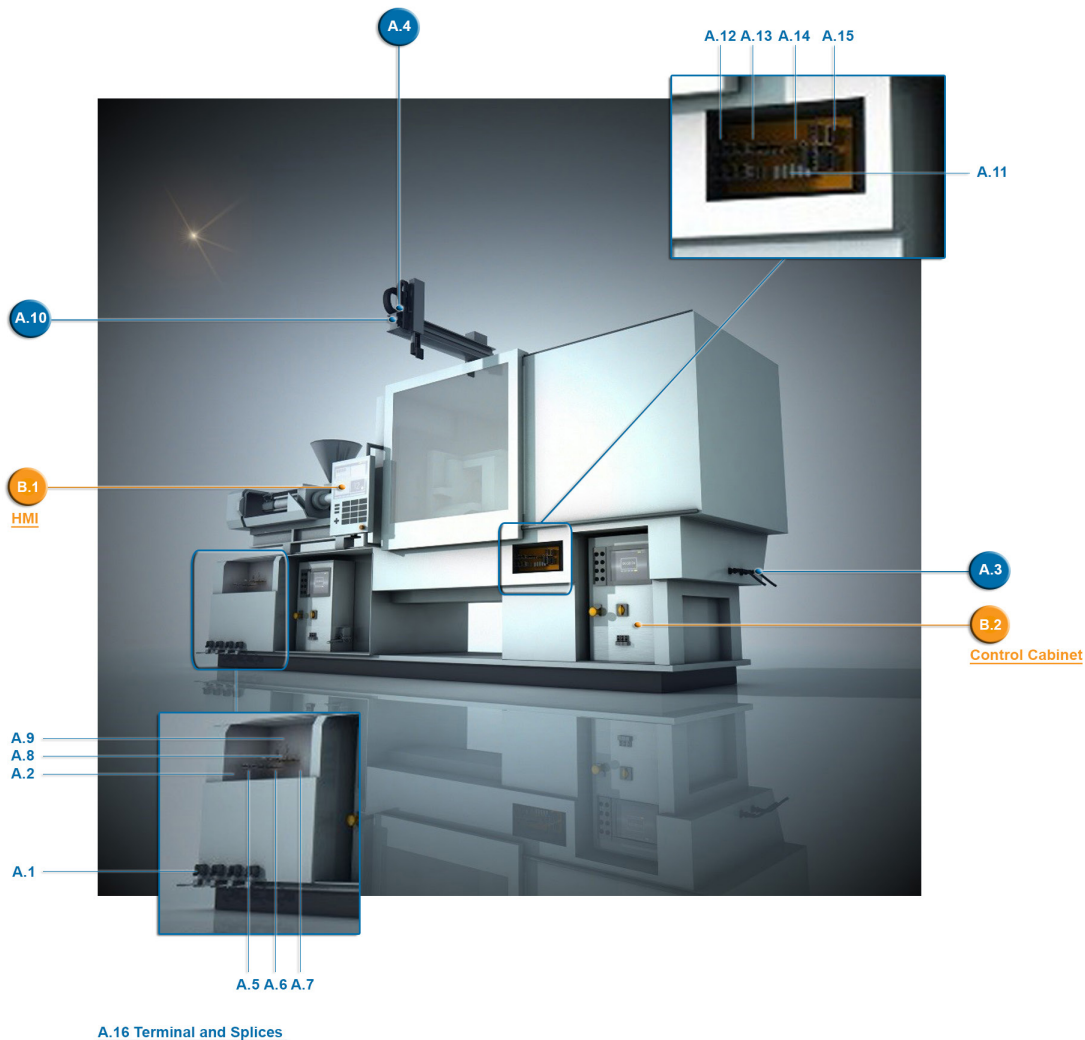


MOLDING MACHINE

Cheat sheet

Overview



Molding Machine solutions

Increased energy and material costs, higher customer expectations and increased use of engineering plastics are fueling demand for new molding machine solutions. There has never been a greater need to deliver improved performance and innovation in molding machine designs. TE Connectivity offers a broad range of industrial connector solutions suitable for the growing demands of mass-production – for all components of the molding machine.

Molding Machine preferred partnumber list

Input / Output



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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HEAVY DUTY CONNECTOR

A.1	HDC	
	HEAVY DUTY HOUSING	1106449-4
	HEAVY DUTY HOOD	1106430-5
	HEAVY DUTY FEMALE INSERT	1102896-1
	HEAVY DUTY MALE INSERT	1102895-1
	MALE CONTACT	2-1105100-1
	FEMALE CONTACT	2-1105101-1

A.2 CHAMP

CHAMP CONNECTORS

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

CIRCULAR INDUSTRIAL

A.3	CPC	
	CIRCULAR PLASTIC RECEPTACLE HOUSING	206061-1
	CIRCULAR PLASTIC PLUG HOUSING	206060-1
	CIRCULAR PLASTIC SOCKET CONTACTS SIZE 16 STAMPED	66100-9
	CIRCULAR PLASTIC PIN CONTACTS SIZE 16 STAMPED	66098-9
	CIRCULAR PLASTIC CABLE CLAMP	1-206062-4
	CIRCULAR PLASTIC HEAT SHRINK BOOT	54010-1
	CIRCULAR PLASTIC SEALING CAP	206903-2
	CIRCULAR METAL RECEPTACLE HOUSING	208489-1
	CIRCULAR METAL PLUG HOUSING	208488-1
	CIRCULAR METAL SOCKET CONTACTS SIZE 16 STAMPED	66100-9
	CIRCULAR METAL PIN CONTACTS SIZE 16 STAMPED	66098-9
	CIRCULAR METAL CABLE CLAMP	208945-7
	CIRCULAR METAL SEALING CAP	211903-1

PROFINET

A.4	M8/M12	
	M12 MALE 4PIN D-CODE STRAIGHT MOUNTED	3-2271142-2
	M12 MALE 4PIN D-CODE SHIELDED 5-8MM	3-2271115-2
	M12 FEMALE 4PIN D-CODE STRAIGHT MOUNTED	3-2271145-2
	M12 FEMALE 4PIN D-CODE SHIELDED 5-8MM	3-2271121-2
	M12 MALE 8PIN X-CODE FIELD INSTALL.	2120952-1
	M12 FEMALE 8PIN X-CODE REAR PANEL MOUNT WIRE RECEPTACLE	2271195-1
	M12 FEMALE 8PIN X-CODE REAR PANEL MOUNT PCB RECEPTACLE	2232331-1

PROFIBUS

A.4	M8/M12	
	M12 MALE 4PIN A-CODE STRAIGHT PCB MOUNTED	3-2271140-2
	M12 MALE 4PIN A-CODE PANEL MOUNTED WITH WIRES	3-2271134-2
	M12 MALE 4PIN A-CODE SHIELDED 5-8MM	3-2271113-2
	M12 FEMALE 4PIN A-CODE PANEL MOUNT WIRE RECEPTACLE	3-2271137-2
	M12 FEMALE 4PIN A-CODE STRAIGHT PCB MOUNTED	3-2271143-2
	M12 FEMALE 4PIN A-CODE STRAIGHT F. INSTALL SHIELDED 6-8MM	3-2271117-2
	M12 MALE 5PIN B-CODE STRAIGHT PCB MOUNTED	4-2271141-2
	M12 MALE 5PIN B-CODE PANEL MOUNTED WITH WIRES	4-2271135-2
	M12 MALE 5PIN B-CODE SHIELDED 5-8MM	4-2271113-2
	M12 FEMALE 5PIN B-CODE STRAIGHT PCB MOUNTED	4-2271144-2
	M12 FEMALE 5PIN B-CODE STRAIGHT F. INSTALL SHIELDED	4-2271119-2
	M12 FEMALE 5PIN A-CODE PANEL MOUNTED WITH WIRES	4-2271138-2
	M8 MALE 4PIN STRAIGHT FIELD INSTALL. UNSHIELDED 3.5-5MM	2120954-1
	M8 MALE 4PIN PANEL MOUNT, LI 200MM	2120958-1
	M8 FEMALE 4PIN STRAIGHT FIELD INSTALL. UNSHIELDED 3.5-5MM	2120956-1
	M8 FEMALE 4PIN PANEL MOUNT, LI 200MM	2120959-1

I/O LINK

A.4	M8/M12	
	M12 MALE 5PIN A-CODE STRAIGHT PCB MOUNTED	4-2271140-2
	M12 MALE 5PIN A-CODE PANEL MOUNTED WITH WIRES	4-2271134-2
	M12 MALE 5PIN A-CODE SHIELDED 5-8MM	4-2271113-2
	M12 FEMALE 5PIN A-CODE PANEL MOUNT WIRE RECEPTACLE	4-2271137-2
	M12 FEMALE 5PIN A-CODE STRAIGHT PCB MOUNTED	4-2271143-2
	M12 FEMALE 5PIN A-CODE STRAIGHT F. INSTALL SHIELDED 6-8MM	4-2271117-2
	MINI IO HORIZONTAL RECEPTACLE TYPE II SMT TRAY	1981386-1
	M8 MALE 5PIN STRAIGHT FIELD INSTALL. UNSHIELDED 3.5-5MM	1-2120954-1
	M8 MALE 5PIN PANEL MOUNT, LI 200MM	1-2120958-1
	M8 FEMALE 5PIN STRAIGHT FIELD INSTALL. UNSHIELDED 3.5-5MM	1-2120956-1
	M8 FEMAL 5PIN E PANEL MOUNT, LI 200MM	1-2120959-1

Board to Board



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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MEZZANINE CONNECTORS

A.5	FREE HEIGHT	
	0.8MM BOARD TO BOARD RECEPTACLE SMT	5177985-1
	0.8MM BOARD TO BOARD PLUG SMT	5177984-1
	0.8MM BOARD TO BOARD RECEPTACLE SMT	2-1735482-1
	0.8MM BOARD TO BOARD PLUG SMT	5-5177986-1

A.6 EUROSTYLE TERMINAL BLOCK

3.50MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	284391-3
3.50MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284514-3
3.50MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284512-3
3.50MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284506-3
3.81MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	284392-3
3.81MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284517-3
3.81MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284513-3
3.81MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SPRING	1986720-3

5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	796683-3
5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SPRING THT	1776261-3
5.00MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796642-3
5.00MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796644-3
5.00MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284040-3
5.08MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	282841-3
5.08MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796636-3
5.08MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796638-3
5.08MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284041-3

Socket/card products



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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MEMORY SOCKET

A.7	SOCKET	
	M3 MEMORY SOCKET 88POS.	5316437-1
	M3 MEMORY SOCKET 72POS.	5179707-1

Cable/Wire to Board



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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FPC

A.8	FLEXIBLE PRINTED CIRCUIT	
	0.50MM FFC-FPC RIGHT ANGLE SMT	2-1734592-0
	0.50MM FFC-FPC VERTICAL SMT	2-1734741-0
	1.00MM FFC-FPC RIGHT ANGLE SMT	2-84952-0
	1.00MM FFC-FPC VERTICAL SMT	2-1734248-0

MICRO-MATCH

A.9	MICRO-MATCH	
	FEMALE ON BOARD VERTICAL THT	338068
	FEMALE ON BOARD VERTICAL SMT	338069
	FEMALE ON BOARD HORIZONTAL THT	215460
	MALE ON BOARD VERTICAL THT	215464
	MALE ON BOARD VERTICAL SMT	338728
	MALE-ON-WIRE IDC	215083
	PADDLEBOARD IDC	215570

Molding Machine preferred partnumber list

Ariso contactless connectivity



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
A.10	ARISO	
	ARISO TXM030S012PNP2A; TRANSMITTER, 12 W, 2 PNP	2287598-1
	ARISO RXM030S012PNP2A; RECEIVER, 12 W, 2 PNP	2287598-2
	ARISO TXM030S012PNP8A; TRANSMITTER, 12 W, 8 PNP	2287598-3
	ARISO RXM030S012PNP8A; RECEIVER, 12 W, 8 PNP	2287598-4
	ARISO RXM030S012PNP8B; RECEIVER, 12 W, 8 PNP	2287598-5

Relays



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
A.11	RELAY	
	INDUSTRIAL (GENERAL PURPOSE)	
	Force Guided Relay SR2M	
	V23047-A1024-A511	1-1393258-7
	Force Guided Relay SR4 D/M	
	SR4M4024	4-1415053-1
	Force Guided Relay SR6 A/B/C/V	
	SR6B4024 (V23050-A1024-A542)	1393260-7
	Force Guided Relay on DIN-rail SR2 Z	
	SR2ZY024	9-1415536-1
	Force Guided Relay on DIN-rail SR6 Z	
	SR6ZB024	5-1415033-1
	Relay Package SNR	
	ST3P2LC4	3-1416100-0
	Relay Package RT	
	RT3S4LC4	4-1415073-1
	Relay Package XT	
	XT3S4LC4	4-1415540-1
	Relay Package PT	
	PT5L7LC4	1415535-9
	Interface Power Relay RT1	
	RT314024	9-1393239-8
	Interface Plug-in Relay XT	
	XT484LC4	1887212-1
	Miniature Relay PT	
	PT570024	1-1393154-2
	Multimode Relay MT	
	MT321024	7-1393091-0
	Power Relay RM 2/3/7	
	RM702024	8-1393146-5
	Power Relay RM 5/6/B 3mm	
	RM602024	1393844-4
	Power Relay RM 8 (25A)	
	RM809024	5-1393149-8

Cabled power connectors



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
	DYNAMIC SERIES CONNECTORS	
A.12	DYNAMIC 1500 SERIES	
	3.50MM MODULAR VERTICAL HEADER THT	1-1827581-4
	3.50MM MODULAR RECEPTACLE HOUSING CTW	1-1827579-1
	3.50MM CTW CONTACT	1827570-2
A.13	DYNAMIC SERIES 3200	
	5.08MM RIGHT ANGLE HEADER THT	1-178140-5
	5.08MM RIGHT ANGLE HEADER THT	1-178129-6
	5.08MM RECEPTACLE CONTACTS CTW	175195-2
A.14	DYNAMIC 5200 SERIES	
	10.16MM DYNATAB DIN RAIL TYPE CTW	1903146-1
	10.16MM RECEPTACLE HOUSING CTW	1-179958-4
	10.16MM RECEPTACLE CONTACTS CTW	179956-6

A.15 DYNAMIC 7100 SERIES

16.00MM 2ROW HORIZONTAL HEADER THT
16.00MM 2ROW RECEPTACLE HOUSING HEADER THT
16.00MM RECEPTACLE CONTACTS CTW

1981823-1
2134055-1
1871132-2

RITS CONNECTOR

3 POS RIGHT-ANGLE HEADER 1ROW SMT
3POS VERTICAL HEADER 4ROWS THT
3POS PLUG

1-1565994-3
1473567-3
1-1473562-3

Terminal and splices



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
A.16	TERMINAL AND SPLICES	
	PIDG GPL 097:	
	RING TONGUE TERMINAL AWG 22-16	2-36154-2
	RING TONGUE TERMINAL AWG 16-14	2-36160-1
	RING TONGUE TERMINAL AWG 12-10	2-36161-2
	SOLISTRAND GPL 204:	
	SPLICES - CLOSED BARREL AWG 16-14	34137
	SPLICES - CLOSED BARREL AWG 22-16	34130
	SPLICES - CLOSED BARREL AWG 12-10	34138
	WINDOW SPLICES GPL 207	
	CLOSED BARREL SPLICE AWG 22-16	320559
	CLOSED BARREL SPLICE AWG 12-10	320570
	CLOSED BARREL SPLICE AWG 16-14	327583
	CLOSED END SPLICE GPL 208	
	CLOSED END BARREL AWG 22-14	35115
	CLOSED END BARREL AWG 22-10	53915-1
	FASTON TERM PRE-INSUL GPL 215	
	FASTON RECEPTACLE TERMINAL AWG 22-18	640903-1
	FASTON RECEPTACLE TERMINAL AWG 16-14	640905-1
	FASTON RECEPTACLE TERMINAL AWG 12-10	640907-2