

Pickering - Cables & Connectors Map

9 to 26-PIN CABLES & CONNECTORS

Accessory	9-Pin D-Type	15-Pin D-Type	25-Pin D-Type	25-Pin Micro-D	26-Pin D-Type
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-003D	90-010D	90-008D	90-024D	90-009D
Part Number or Model Family	40-970-009	40-970-015	40-970-025	A025CFR-A025CFR	40-970-026
Product Type	9-Pin to 9-Pin	15-Pin to 15-Pin	25-Pin to 25-Pin	25-Pin to 25-Pin	26-Pin to 26-Pin
Maximum Current/Voltage	5A, 250VAC/400VDC	5A, 250VAC/400VDC	5A, 250VAC/400VDC	1A, 100VAC r.m.s.	3A, 250VAC/400VDC
Connector Type	9-Pin D-Sub (Male or Female)	15-Pin D-Sub (Male or Female)	25-Pin D-Sub (Male or Female)	25-Pin Micro-D (Male or Female)	26-Pin D-Sub (Male or Female)
Cable Exit	45°	45°	45°	45°	45°
Product Securing Method	4-40 UNC (Male)	4-40 UNC (Male)	4-40 UNC (Male)	4-40 UNC (Male)	4-40 UNC (Male)
Un terminated Options (End B)	N/A	Ferrules, Tinned, Cut	N/A	N/A	Ferrules, Tinned, Cut
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.					
Part Number or Model Family	40-960-009	40-963-009	40-960-015	40-960-025	40-960-026
Product	9-Pin D-Sub Cable Connector	9-Pin PCB Mount Right Angle or Straight	15-Pin D-Sub Cable Connector	25-Pin D-Sub Cable Connector	26-Pin D-Sub Cable Connector
Gender	Male or Female	Male or Female	Male or Female	Male or Female	Male or Female
Maximum Current/Voltage	5A, 250VAC	5A, 250VAC	5A, 250VAC	5A, 200VDC	5A, 250VAC
Cable Exit/Exit Size	45° (15mm Dia)	Rear (10x8.8mm)	45° (10mm Dia)	45° (10mm Dia)	45° (10mm Dia)
Product Securing Method	4-40 UNC (Male)	4-40 UNC (Female)	4-40 UNC (Male)	4-40 UNC (Male)	4-40 UNC (Male)
Wire Connection Method	Solder Bucket	RC Screw Terminals	Solder to PCB	Solder to PCB	Solder to PCB

37 to 68-PIN CABLES & CONNECTORS

Accessory	37-Pin D-Type	44-Pin D-Type (Density and a Half)	50-Pin D-Type	68-Pin VHDCI (Slimline)
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-007D	90-013D	90-005D	90-020D
Part Number or Model Family	40-970-037	40-972-037 and A037D	40-970-050 and A050D	A068VMR-068VMR
Product Type	37-Pin to 37-Pin	37-Pin to 44-Pin	50-Pin to 50-Pin	68-Pin to 68-Pin
Maximum Current/Voltage	5A, 250VAC/400VDC	5A, 250VAC/400VDC	5A, 250VAC/400VDC	0.5A, 30V AC
Connector Type	37-Pin D-Sub (Male or Female)	37-Pin D-Sub (Male or Female)	50-Pin D-Sub (Male or Female)	68-Pin VHDCI (Male) Slimline, 0.8mm Pitch
Cable Exit	45°	45°	45°	Rear
Product Securing Method	4-40 UNC (Male)	4-40 UNC (Male)	4-40 UNC (Male)	M2 (Male)
Un terminated Options (End B)	N/A	Ferrules, Tinned, Cut	N/A	Ferrules, Tinned, Cut
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.				
Part Number or Model Family	40-960-037	40-963-037	40-960-050	C068VMR-68-6A
Product	37-Pin D-Sub Cable Connector	37-Pin PCB Mount Right Angle or Straight	50-Pin D-Sub Cable Connector	68-Pin VHDCI Slimline Cable Connector
Gender	Male or Female	Male or Female	Male or Female	Male or Female
Maximum Current/Voltage	5A, 250VAC	5A, 200VDC	5A, 250VAC	2A, 30VAC
Cable Exit/Exit Size	45° (13mm Dia)	Rear (18x24mm)	45° (15mm Dia)	Rear (12.7x6.7mm)
Product Securing Method	4-40 UNC (Male)	4-40 UNC (Female)	4-40 UNC (Male)	M2 (Male)
Wire Connection Method	Solder Bucket	RC Screw Terminals	Solder to PCB	Slimline Solder

68-PIN MICRO-D CABLES & CONNECTORS

Accessory	68-Pin 1.27 mm Pitch Micro-D
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-015D
Part Number or Model Family	40-970-068
Product Type	68-Pin to 68-Pin
Maximum Current/Voltage	1A, 150V
Connector Type (End A)	68-Pin 1.27 mm Pitch, Micro-D (Male or Female)
Cable Exit	Rear
Product Securing Method	Metal Spring Latch (2-56 UNC Screwlock Option)
End B	As End A
Un terminated Options	N/A
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.	
Part Number or Model Family	40-961-068
Product	68-Pin 1.27 mm Pitch Micro-D Connector, IDC for Ribbon Cable
Gender	Male or Female
Maximum Current/Voltage	1A, 200VDC
Cable Exit/Exit Size	Rear (7.5x8.5mm)
Product Securing Method	Metal Spring Latch (Also 2-56 UNC Screwlock Option)
Wire Connection Method	IDC for Ribbon Cable

78-PIN D-TYPE (Density and a Half)

Accessory	78-Pin D-Type (Density and a Half)
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-004D
Part Number or Model Family	40-970-078
Product Type	78-Pin to 78-Pin
Maximum Current/Voltage	3A, 250VAC/400VDC
Connector Type (End A)	78-Pin D-Sub Density and a Half (Male or Female)
Cable Exit	45°
Product Securing Method	4-40 UNC (Male)
End B	As End A
Un terminated Options	N/A
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.	
Part Number or Model Family	40-960-078
Product	78-Pin D-Sub Cable Connector, Density and a Half
Gender	Male or Female
Maximum Current/Voltage	3A, 250VAC
Cable Exit/Exit Size	45° (12mm Dia)
Product Securing Method	4-40 UNC (Male)
Wire Connection Method	Solder Bucket

86-PIN CABLES & CONNECTORS

Accessory	86-Pin 1.27 mm Pitch Micro-D
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-014D
Part Number or Model Family	40-970C-096
Product Type	96-Pin to 96-Pin, Dual Screened
Maximum Current/Voltage	1A, 150V
Connector Type (End A)	96-Pin 1.27 mm Pitch Micro-D (Female)
Cable Exit	Rear
Product Securing Method	Metal Spring Latch
End B	As End A
Un terminated Options	N/A
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.	
Part Number or Model Family	40-961-096-F
Product	96-Pin 1.27 mm Pitch Micro-D Connector, IDC for Ribbon Cable
Gender	Female
Maximum Current/Voltage	1A, 200VDC
Cable Exit/Exit Size	45° (13x7.5mm)
Product Securing Method	Metal Spring Latch
Wire Connection Method	IDC for Ribbon Cable

100 to 160-PIN CABLES & CONNECTORS

Accessory	100-Pin 1.27 mm Pitch Micro-D	104-Pin D-Type	160-Pin DIN41612
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-019D	90-022D	90-001D
Part Number or Model Family	A100SMR-100SMR*	40-970-104	40-970-160
Product Type	100-Pin to 100-Pin, Dual Screened	104-Pin to 104-Pin	160-Pin to 160-Pin
Maximum Current/Voltage	1A, 150V	2A, 300VAC r.m.s.	2A, 500V DC or AC Peak
Connector Type (End A)	100-Pin 1.27 mm Pitch Micro-D (Male)	104-Pin D-Sub, Density and a Half (Male or Female)	160-Pin (Male or Fem)
Cable Exit	Rear	Rear	Rear
Product Securing Method	2-56 UNC (Male)	4-40 UNC (Male)	Fem: 1 off M2.5 Male Male: 2 off M2.5 Fem
End B	As End A	As End A	N/A
Un terminated Options	N/A	Ferrules, Tinned, Cut	Ferrules, Tinned, Cut
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.			
Part Number or Model Family	C100SMR-1CR-6A	C100SMR-1CW-6A	C100SMR-1P*-5A
Product	100-Pin 1.27 mm Pitch Micro-D Connector, Inc IDC for Ribbon Cable	100-Pin 1.27 mm Pitch Micro-D Connector, Inc IDC for Discrete Wires	100-Pin Micro-D PCB Mount Right Angle or Straight
Gender	Male	Male	Female
Maximum Current/Voltage	1A, 250VAC	1A, 250VAC	1A each pin, 250VAC
Cable Exit/Exit Size	Rear (7.4 x 27mm)	Rear (7.4 x 27mm)	N/A
Product Securing Method	2-56 UNC (Male)	2-56 UNC (Male)	2-56 UNC (Female)
Wire Connection Method	IDC	IDC	Solder to PCB

200 & 500-PIN CABLES & CONNECTORS

Accessory	200-Pin LFH	500-Pin SEARAY™
Data Sheet Cable Assemblies Standard Lengths: 0.5m, 1m, 2m. Most un terminated versions have a Free Wire Length of 130mm.	90-002D	90-021D
Part Number or Model Family	40-970B-200	A500MR-500MR
Product Type	200-Pin to 200-Pin	500-Pin to 500-Pin
Maximum Current/Voltage	1A, 150VDC	2A, 200VDC
Connector Type (End A)	200-Pin LFH (Male)	500-Pin SEARAY (Male), 250 or 500-Port
Cable Exit	Rear	Rear
Product Securing Method	Fem: 2 off 4-40 UNC Male Male: 2 off 4-40 UNC Male	2 off 4-40 UNC Male
End B	As End A	As End A
Un terminated Options	N/A	N/A
Connectors, Connector Blocks and Breakouts Most cable connectors/connector blocks can be supplied without a backshell.		
Part Number or Model Family	40-961A-200	C500MR-45B-5C
Product	200-Pin LFH Cable Connector	500-Pin SEARAY Cable Connector (250-Port Version)
Gender	Male or Female	Male
Maximum Current/Voltage	1A, 150VDC	2A, 200VDC
Cable Exit/Exit Size	Dual Rear	Rear
Product Securing Method	4-40 UNC or M3 (M or F)	M2.5 (Male)
Wire Connection Method	Male: Solder Pin, Female: Solder to PCB	Solder to PCB

Note: Most standard cables are of screened construction with a cable clamp in the connector backshell. Un terminated cables are labelled/coded to the connector pins.

