

IDC Connectors

.100" and .156" ⌀ IDC Connector Selection Guide

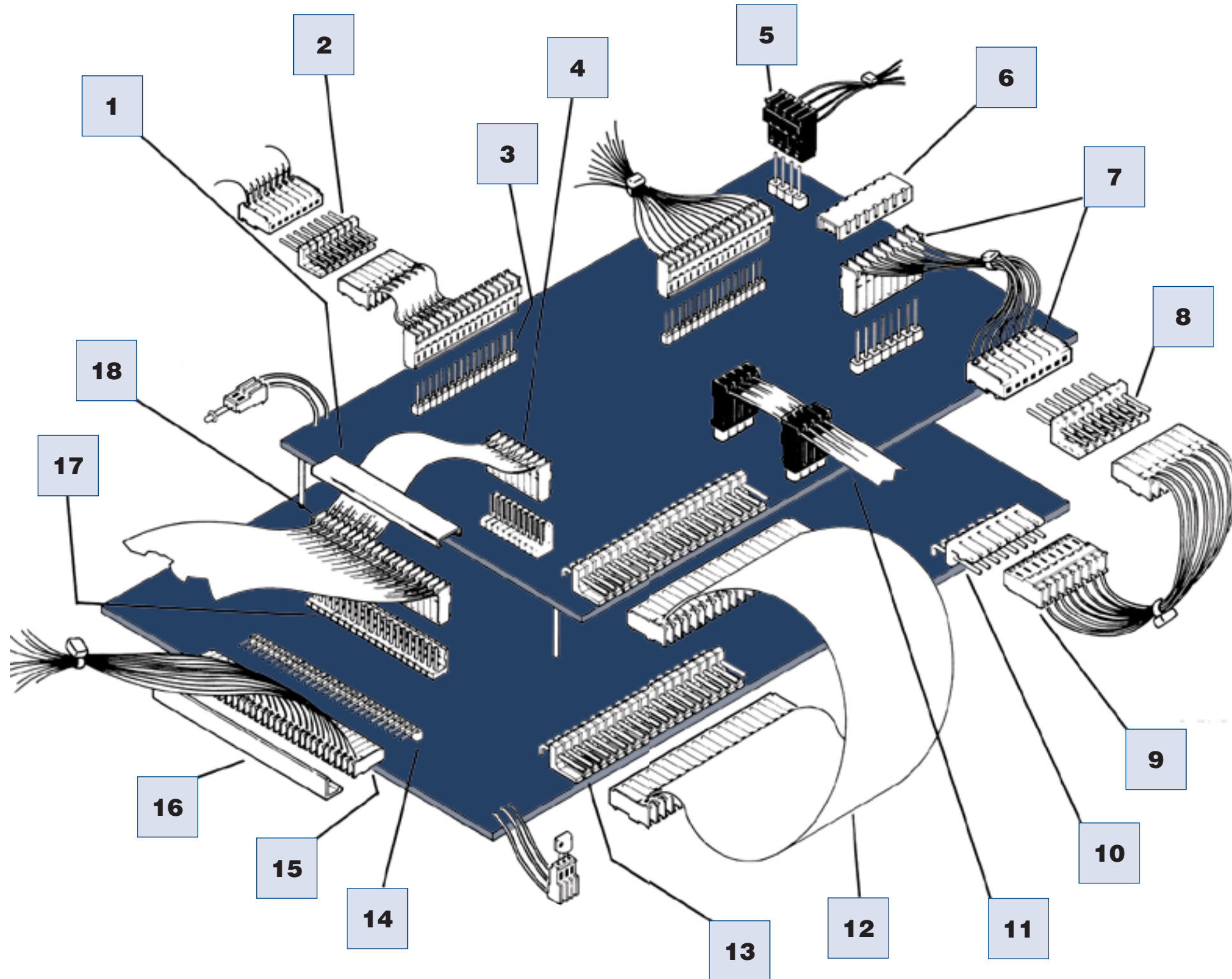


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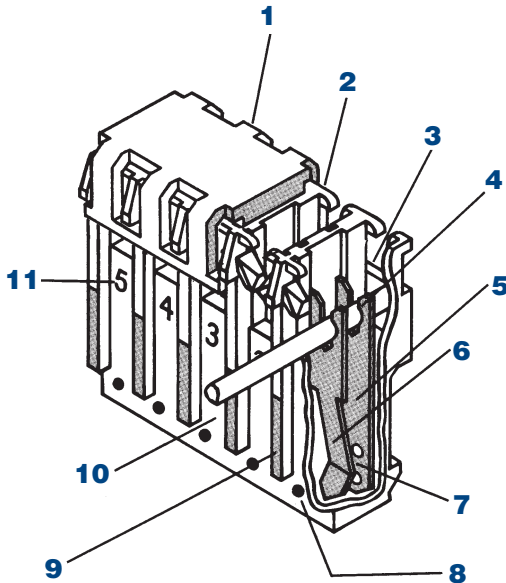
- 1** .100" ⌀ Through connector dust cover Type TC **Page 8**
- 2** .100" ⌀ In-line wire-to-wire splice Type MWWS **Page 16**
- 3** .100" ⌀ Flat header Type MFSS **Page 9**
- 4** .100" ⌀ End connector Type CE and polarizing header Type MPSS **Page 8, 9**
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- 6** .156" ⌀ Strain Relief combination cover Type SCC **Page 12, 13**
- 7** .156" ⌀ End connector Type CE **Page 12**
- 8** .156" ⌀ In-line wire-to-wire splice Type MWWS **Page 16**
- 9** .156" ⌀ End connector Type CE **Page 12**
- 10** .156" ⌀ Locking header right angle post Type MLAS **Page 14**



- 11** .156" ⌀ Through connector Type CTH Hi-Power daisy chain termination **Page 13**
- 12** .156" ⌀ PAN-FLEX™ Flat cable **Page 22**
- 13** .156" ⌀ Polarizing header right angle post Type MPAS **Page 14**
- 14** .100" ⌀ Flat header right angle post Type MFAS **Page 14**
- 15** .100" ⌀ End connector Type CE **Page 8**
- 16** .100" ⌀ End connector dust cover Type EC **Page 8**
- 17** .100" ⌀ Locking header Type MLSS **Page 9**
- 18** .100" ⌀ Through connector Type CT showing daisy chain termination **Page 8**

Mass Terminated Connectors

Mass Terminated Connector System reduces Installed Costs Due to Pre-Loaded IDC Contacts & Superior Application Tooling



MAS-CON Connectors

- 1** Optional SNAP-ON covers; End (EC), through (TC), or strain relief combination cover (SCC) protect contacts and provide additional strain relief. (Cover type SCC shown)
- 2** Retainers hold wires prior to termination
- 3** Closed end (CE Type only)
- 4** Four gas tight connections per wire
- 5** Dual wipe connection to header post
- 6** Spring action contact design compensates for misalignment between header posts and connectors (3 points of contact)
- 7** Dimples (.156 ϕ) assure sufficient mating force and 3 points of contact
- 8** Contrasting dots indicate through connectors type CT (Shown for reference only)
- 9** Color coded ribs for wire gauge identification
- 10** Contacts matched to wire gauge for optimum connections
- 11** Numbered circuit positions

Spacing/.100" ϕ 2,54 mm		Spacing/.156" ϕ 3,96 mm	
Female	AWG	Female	
2 to 28 Circuits	28	2 to 24 Circuits	
	26		
	24		
	22		
	20		
	18		



End and Through Connectors

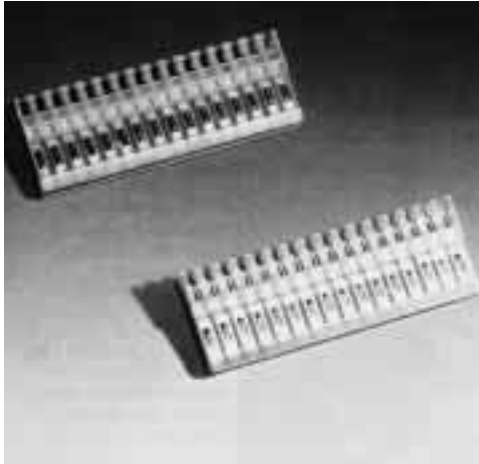
MAS-CON – pre-loaded insulation displacement contacts... eliminate wire stripping, crimping and hand loading contacts into housing – reducing overall installed costs.

Part Numbers System:

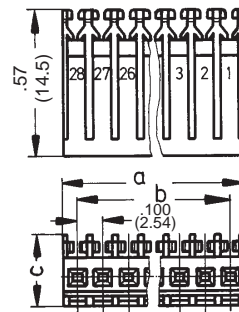
CE = End Connector	→	CE
CT = Through Connector	→	
100 = 0.100" spacing (2.54 mm)	→	100
156 = 0.156" spacing (3.96 mm)	→	
F = Female	→	F
AWG Size (See above Table)	→	24
No. of circuits	→	12
Packaging quantity (Page 7)	→	D
R = Reels (available upon request)	→	
Contact Plating	→	.
Blank = Tin Plating	→	
B = 15 μ " Gold over Nickel	→	

**Series CE/CT
Connectors .100"**

**.100" (2.54 mm) End and
Through Connectors
Available in 2-28 Circuits
with Optional Cover**



Dimensions

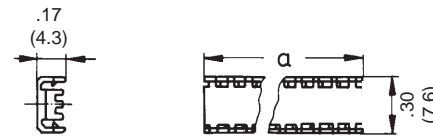


Snap-on Covers EC

Snap-on Covers TC



Strain Relief Combination Cover SCC



Dimensions - Dual Dims

No. of Circuits	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Dim. in in. / (mm)	a	.200 (5.08)	.300 (7.62)	.400 (10.16)	.500 (12.70)	.600 (15.24)	.700 (17.78)	.800 (20.32)	.900 (22.86)	1.000 (25.40)	1.100 (27.94)	1.200 (30.48)	1.300 (33.02)	1.400 (35.56)	1.500 (38.10)	1.600 (40.64)	1.700 (43.18)	1.800 (45.72)	1.900 (48.25)	2.000 (50.80)	2.100 (53.34)	2.200 (55.88)	2.300 (58.42)	2.400 (60.96)	2.500 (63.50)	2.600 (66.04)	2.700 (68.58)	2.800 (71.12)
	b	.100 (2.54)	.200 (5.08)	.300 (7.62)	.400 (10.16)	.500 (12.70)	.600 (15.24)	.700 (17.78)	.800 (20.32)	.900 (22.86)	1.000 (25.40)	1.100 (27.94)	1.200 (30.48)	1.300 (33.02)	1.400 (35.56)	1.500 (38.10)	1.600 (40.64)	1.700 (43.18)	1.800 (45.72)	1.900 (48.25)	2.000 (50.80)	2.100 (53.34)	2.200 (55.88)	2.300 (58.42)	2.400 (60.96)	2.500 (63.50)	2.600 (66.04)	2.700 (68.58)

No. of Circuits 2-28 *(Contact Factory For Circuit Availability)

□□ = Number of Circuits

Version	Wire Size				Dimension c inches (mm)
	AWG 28	AWG 26	AWG 24	AWG 22	
End Connector	CE100F28- □□	CE100F26- □□	CE100F24- □□	CE100F22- □□	.27 (6.9)
Through Connector	CT100F28- □□	CT100F26- □□	CT100F24- □□	CT100F22- □□	.30 (7.6)
AWG Identification Color	Green	Blue	Black	Red	

Snap-on Cover for End connectors	EC 100F-□□
Snap-on Cover for Through connectors	TC 100F-□□
Strain Relief Combination Cover	SCC100F-□□