

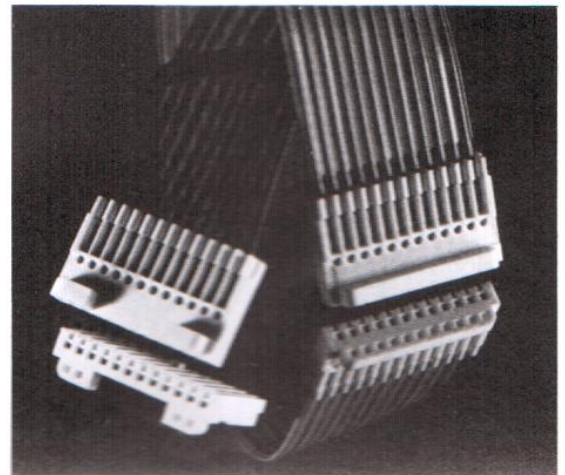
.098" (2,5 mm) Center Insulation Displacement Connector



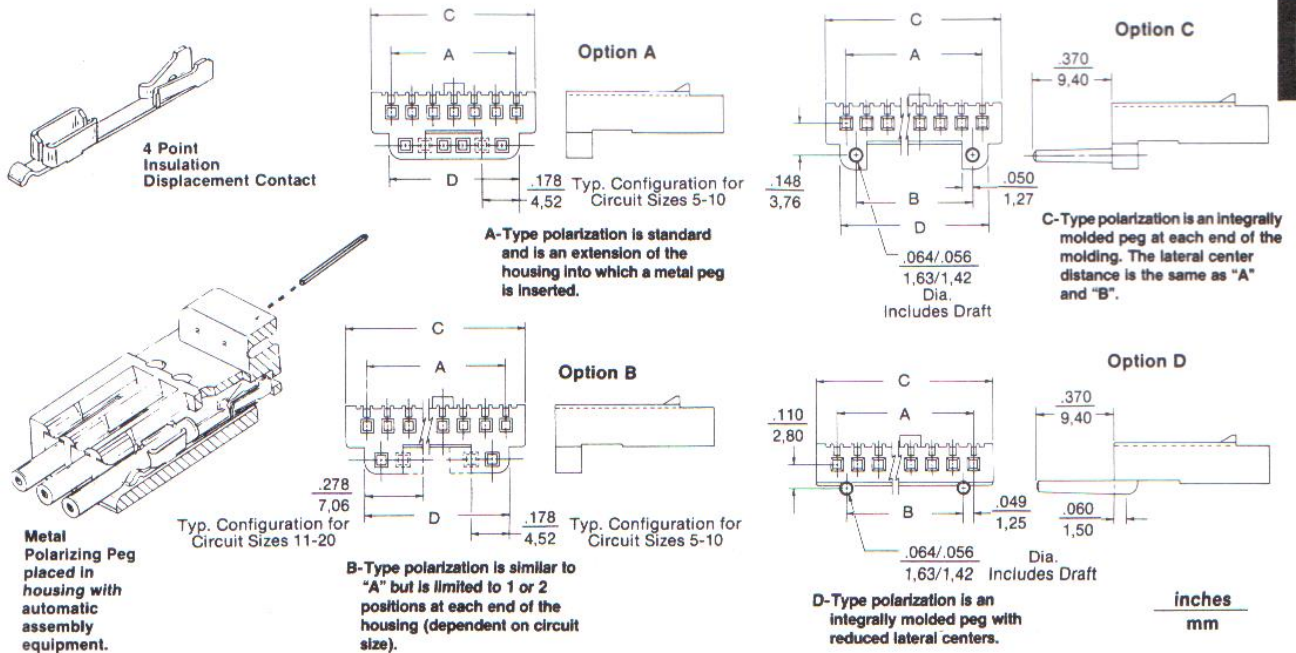
8160 Series Euro 250 Series In-Line Wire Exit

Features/Dimensions:

- Formed slot - 4 point IDT contact
- 2 Point interface pin contact
- 4 Amp (Subject to application variables)
- 2-20 Circuits
- 24 AWG solid discrete wire and cable
- Housings for O.D. insulation .053" (1,35mm) to .060" (1,52mm) max.
- 4 Housing options shown
- 94V-0 Polyester
- Mates with 93610, 3094, 3022 series wafers
- Terminal phosphor bronze plating: Electro tin .00008 (0,0020) min. over .00008 (0,0020) copper min.
- Crimp terminal 8177 available



Please Note: A crimp version is also available
- Contact factory for details.



.098" (2,5 mm) Center Insulation Displacement Connector



8160 Series

Dimensional Information

Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2	.288 ± .003 7,32 ± 0,08	.098 ± .004 2,50 ± 0,10	—	9	.977 ± .006 24,82 ± 0,15	.787 ± .007 20,00 ± 0,18	.689 ± .007 17,50 ± 0,18	15	1.568 ± .008 39,83 ± 0,20	1.378 ± .009 35,00 ± 0,23	12,80 ± .009 32,50 ± 0,23
3	.387 ± .003 9,82 ± 0,08	.197 ± .005 5,00 ± 0,13	.098 ± .004 2,50 ± 0,10	10	1.076 ± .006 27,32 ± 0,15	.886 ± .008 22,50 ± 0,20	.787 ± .007 20,00 ± 0,18	16	1.666 ± .009 42,32 ± 0,23	1.476 ± .010 37,50 ± 0,25	1.378 ± .009 35,00 ± 0,23
4	.485 ± .003 12,32 ± 0,08	.295 ± .005 7,50 ± 0,13	.197 ± .005 5,00 ± 0,13	11	1.174 ± .007 29,82 ± 0,18	.984 ± .008 25,00 ± 0,20	.886 ± .008 22,50 ± 0,20	17	1.765 ± .010 44,82 ± 0,25	1.575 ± .011 40,00 ± 0,28	1.476 ± .010 37,50 ± 0,25
5	.583 ± .004 14,82 ± 0,10	.394 ± .006 10,00 ± 0,15	.295 ± .005 7,50 ± 0,13	12	1.272 ± .007 32,32 ± 0,18	1.083 ± .008 27,50 ± 0,20	.984 ± .008 25,00 ± 0,20	18	1.863 ± .011 47,32 ± 0,28	1.673 ± .011 42,50 ± 0,28	1.575 ± .011 40,00 ± 0,28
6	.682 ± .004 17,32 ± 0,10	.492 ± .006 12,50 ± 0,15	.394 ± .006 10,00 ± 0,15	13	1.371 ± .008 34,82 ± 0,20	1.181 ± .008 30,00 ± 0,20	1.083 ± .008 27,50 ± 0,20	19	1.961 ± .011 49,82 ± 0,28	1.772 ± .011 45,00 ± 0,28	1.673 ± .011 42,50 ± 0,28
7	.780 ± .005 19,82 ± 0,13	.591 ± .007 15,00 ± 0,18	.492 ± .006 12,50 ± 0,15	14	1.469 ± .008 37,32 ± 0,20	1.280 ± .009 32,50 ± 0,23	1.181 ± .008 30,00 ± 0,20	20	2.060 ± .012 52,32 ± 0,30	1.870 ± .011 47,50 ± 0,28	1.772 ± .011 45,00 ± 0,28
8	.879 ± .005 22,32 ± 0,13	.689 ± .007 17,50 ± 0,18	.591 ± .007 15,00 ± 0,18								

Ordering Information

8160-A				8160-B				8160-C			
Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.
2	10-78-7021	12	10-78-7121	5	10-78-7052	13	10-78-7132	2	10-78-7023	12	10-78-7123
3	10-78-7031	13	10-78-7131	6	10-78-7062	14	10-78-7142	3	10-78-7033	13	10-78-7133
4	10-78-7041	14	10-78-7141	7	10-78-7072	15	10-78-7152	4	10-78-7043	14	10-78-7143
5	10-78-7051	15	10-78-7151	8	10-78-7082	16	10-78-7162	5	10-78-7053	15	10-78-7153
6	10-78-7061	16	10-78-7161	9	10-78-7092	17	10-78-7172	6	10-78-7063	16	10-78-7163
7	10-78-7071	17	10-78-7171	10	10-78-7102	18	10-78-7182	7	10-78-7073	17	10-78-7173
8	10-78-7081	18	10-78-7181	11	10-78-7112	19	10-78-7192	8	10-78-7083	18	10-78-7183
9	10-78-7091	19	10-78-7191	12	10-78-7122	20	10-78-7202	9	10-78-7093	19	10-78-7193
10	10-78-7101	20	10-78-7201					10	10-78-7103	20	10-78-7203
11	10-78-7111							11	10-78-7113		

8160-D

Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.	Circuits	Order No.
2	• 38-00-0390	6	• 38-00-0402	9	• 38-00-1005	12	• 38-00-1014	15	• 38-00-1023	18	• 38-00-1032
3	• 38-00-0393	7	• 38-00-0405	10	• 38-00-1008	13	• 38-00-1017	16	• 38-00-1026	19	• 38-00-1035
4	• 38-00-0396	8	• 38-00-1002	11	• 38-00-1011	14	• 38-00-1020	17	• 38-00-1029	20	• 38-00-1038
5	• 38-00-0399										

• European Standard Product.

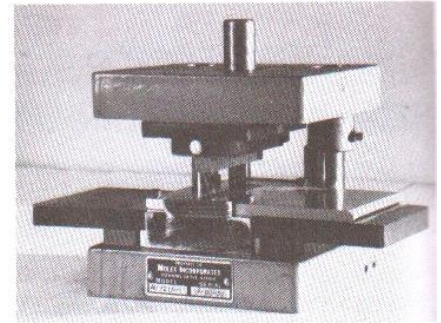
Available Tooling

	Part No.	Order No.
For Prototype and Repair		
T-Tool	AM8600-14	11-02-0016
Arbor Terminal Fixture	AM8160-1	11-20-0436
For Medium Scale Production:		
Mini-Cam III (220 V)	AM8713-1	11-20-0401
Mini-Cam III (110V, 50 or 60 Hz)	AM8713-1A	11-20-0402
Ribbon Cable Terminator	AM8643	11-20-0435
For Large Scale Production:		
8100 Series Single or Double Ended Wire and Cable Assembly Machine	Contact factory for Ordering Information	

Ribbon Cable Tooling

Bench Mounted Prep Cable Notcher

- Accommodates .156" (3,96mm) center cable up to 24 circuits and .100" (2,54mm) center cable up to 28 circuits
- Notches cable for feed thru or end termination of Molex ID connectors
- Five hundred notches per hour, both ends
- Must be used with Molex 3BF press



Specifications

Weight (with press) — 300 lbs. (135 kg)

Electrical — 110/115 volts 60 Hertz / 220/240 volts 50 Hertz

Bench Space — Front 12" x 18" deep (30,5cm x 45,7cm)

Ordering Information

Order No.	Description	Order No.	Description
11-21-0728	.156" center cable notcher	11-21-4112	.100" center cable notcher (25-30 Ga.)
11-21-4114*	.100" center cable notcher (22-24 Ga.)	11-20-0454**	.100" center cable notcher (25-30 Ga.)
11-21-4120**	.100" center cable notcher (22-24 Ga.)	11-20-0439	.098" center cable notcher (25-28 Ga.)

*Full Notch **Web notch

NOTE: Standard pricing does not include cost of press

Bench-Style Cable Shear

- Accommodates .050" (1,27mm), .098" (2,5mm), .100" (2,54mm) or .156" (3,98mm) cable
- Table mounted hand tool for fast, accurate and low cost cable cutting
- Cable stop for cut length control
- Maximum cable width 3 7/8" (98,42mm)
- Also for flat flexible cable



Specifications

Weight — 4 3/4 lbs. (2,13 kg)

Table Space — 20" x 10" (51cm x 25,4cm)

Height — 5" (12,7cm)

Order No.
11-21-0727

J

Arbor Press

- Accommodates .098" (2,5mm), .100" (2,54mm) and .156" (3,96mm) and .156" (3,96mm) center cable - 2 to 16 circuits
- Feed thru or feed to assembly
- For medium volume users

Specifications

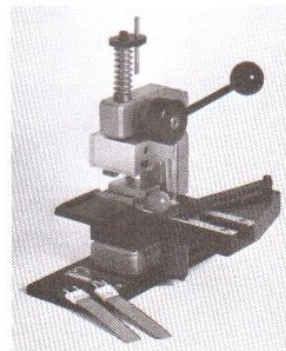
Weight — 18 lbs (8,1 kg)

Bench Space — 6" x 12" (15,2cm x 30,5cm)

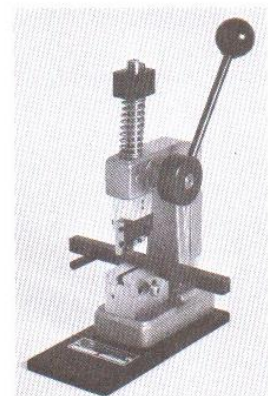
Height — 10" (25,4cm)

Ordering Information

Order No.	Description
11-20-0179	.100" center arbor terminator
11-20-0314	.156" center arbor terminator
11-20-0436	.098" center arbor terminator for 8160 housing - up to 20 circuits - feed to only



.098" (2,5mm) Center Arbor Terminator



.100" (2,54mm) and .156" (3,96mm) Center Arbor Terminator