AMPLIMITE .050 Series Connectors, Series III

Electronics

tyco

AMPLIMITE .050 Series Plug Assemblies Unshielded for .025 [0.64] Centerline Ribbon Cable, Series III

Plug Assembly



Materials:

Housing and Termination Covers—Thermoplastic, 94V-0 rated, black

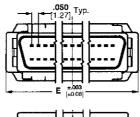
Contacts—Phosphor bronze, duplex plated .000030 [0.00076] min. gold on mating end, bright tin-lead on termination end, all over nickel underplating

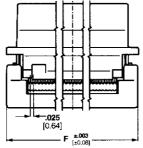
Recommended wire size-.025 [0.64] centerline, 30 AWG [0.05mm²] solid or 7 strand, PVC, flat ribbon cable

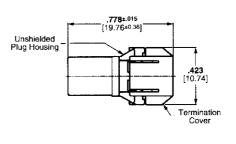
Note: Cable must be approved by Tyca Electronics Engineering.

Technical Documents for 786090-7 only:

Product Specifications—108-1359 Application Specifications-114-40049







No. of Pos.	Dimensions		Part
	E	F	No.
50	1.578 40.07	1.578 40.07	390377-51
68	2.029 51.54	2.023 51.30	786090-7

Note: Termination Tooling: Manual Arbor Press Part No. 91085-2 or Pneumatic Press Part No. 91112-3, Universal Base Tool Part No. 768338-4, and Connector Specific Kit Part No. 679235-2. Refer to page 29

1 Accepts 32 AWG Flat Ribbon Cable. Selection of compatible ribbon cable is the responsibility of the user.

Note: Refer to Tyco Electronics Customer drawings and Application Spec for PCB & panel layouts.

Backshell Kit for 786090-7 .025 [0.64] & Unshielded



Materials:

Backshell—Thermoplastic, 94V-0 rated, black

Spring Latches—Stainless steel

B ±.015 [±0.38] Typ. 682±.020 400±.015 [17,32±0.51] 833 [21.16] Typ.

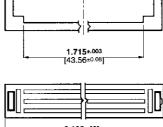
No. of Pos.	Kit Part No.	Dimension	
		Α	В
68	787032-7	2.415 [61.34]	2.125 [53.48]

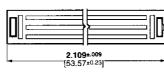
Strain Relief for 786090-7 .025 [0.64] & Unshielded Plug

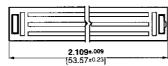
68-Position Part No. 787043-7 **Materials:**

Thermoplastic, 94V-0 rated, black

Note: Pull tab Part No. 88450-8 can be used with this strain relief. Must be ordered separately.







Catalog 82068 Revised 3-04

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425

[9.04±0.05]

South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967