

FEATURES AND SPECIFICATIONS

Features and Benefits

- 2, 3, 4 and 5 position socket connectors
- Compatible with 1, 4, 5 and 6 row carrier systems for industry standard backplane headers. Also mates with single and dual row PCB headers
- Accommodates micro coaxial, micro twisted pair and micro twin axial cable constructions
- Standard cable impedance from 50 to 150Ω
- Designed for system speeds up to 800 MHz, including matched application requirements for controlled impedance and propagation rate while minimizing crosstalk
- High strength molded terminations and dual beam box contacts resistance welded to the conductors for the ultimate in electrical performance

Electrical

Current: 1.0A per contact cont.
 Contact Resistance: 10mΩ max.
 Dielectric Withstanding Voltage: 500V RMS min.
 Insulation Resistance: 1 x 10⁹Ω @ 500V DC

Mechanical

Insertion Force: 10 oz max. per contact
 Withdrawal Force: 1 oz min. per contact
 Normal Force: 100g min.

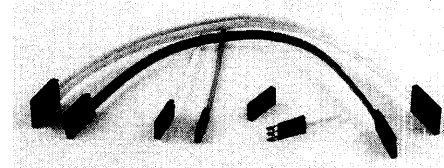
Physical

Contact: Phosphor Bronze
 Dielectric Material: Glass filled liquid crystal polymer, UL 94V-0
 Contact: 30μ" min. Gold plate in select area over 50μ" min. Nickel plate overall
 Mating Pin Lengths: .100" min.; .180" max.
 Operating Temperature: -40 to +105°C



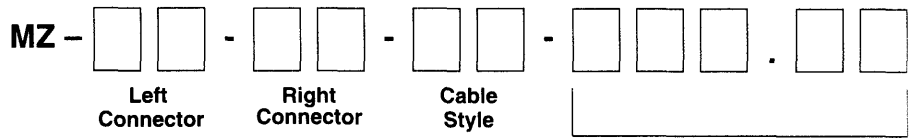
2.00mm (.079") Pitch Milli-Z™ Electrically Characterized Cable Assemblies

2, 3, 4 and 5 Position Socket Assemblies



Ordering Information

Part Number specification -
 Fill in the part number from
 the information on the charts
 below

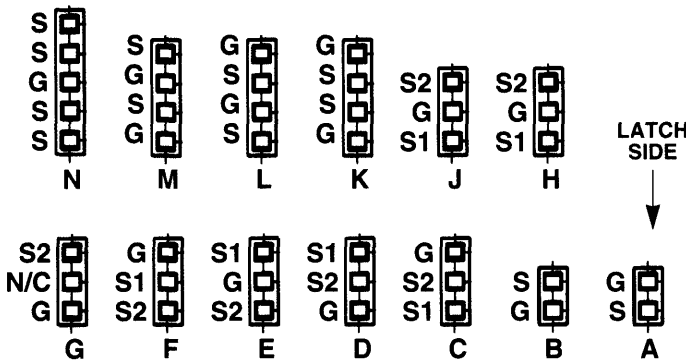


Assembly Length in inches
 (From mating face to mating face)

Standard Length Tolerance

Under 36"	±	0.5"
36"-120"	±	1.0"
over 120"	±	2.0"

PINOUTS



For additional pinouts, contact the
 Molex High Performance Cable Assembly Group

ORDERING INFORMATION

Connector		
Order No.	Description	Pinout
00	No Termination	
21	2.00mm by 2.00mm, 1 by 2 axial	A
22	2.00mm by 2.00mm, 1 by 2 axial	B
23	2.00mm by 2.00mm, 1 by 3 axial	C
24	2.00mm by 2.00mm, 1 by 3 axial	D
25	2.00mm by 2.00mm, 1 by 3 axial	E
26	2.00mm by 2.00mm, 1 by 3 axial	F
27	2.00mm by 2.00mm, 1 by 3 axial	G
28	2.00mm by 2.00mm, 1 by 3 axial	H
29	2.00mm by 2.00mm, 1 by 3 axial	J
30	2.00mm by 2.00mm, 1 by 4 axial	K
31	2.00mm by 2.00mm, 1 by 4 axial	L
32	2.00mm by 2.00mm, 1 by 4 axial	M
33	2.00mm by 2.00mm, 1 by 5 axial	N
XX	Special Application	

Cable Style			
Order No.	Description	Characteristic Impedance ± 10%	Material
08	Coaxial	50Ω	Conductor: Silver plated Copper Dielectric Insulator: Expanded PTFE Shield: Aluminum/Mylar Jacket: FEP
10	Coaxial	75Ω	
11	Twin-Axial	100Ω	
12	Twisted Pair	100Ω	
13	Twin-Axial (with dual drain)	100Ω	
07	Coaxial	50Ω	Conductor: Silver plated Copper Dielectric Insulator: Expanded PTFE Shield: Braided Jacket: FEP
09	Coaxial	75Ω	
XX	Special Application		

High Performance Cable Assemblies and Adapters

