

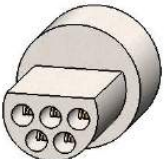
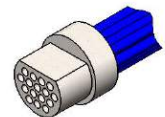

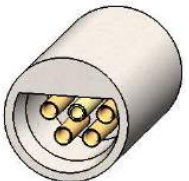






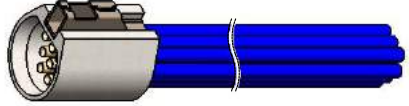
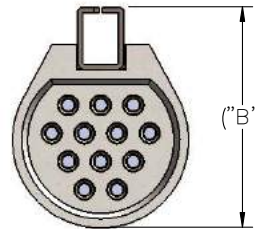
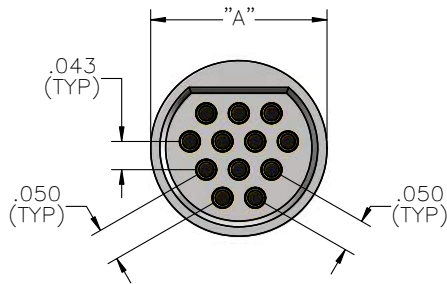
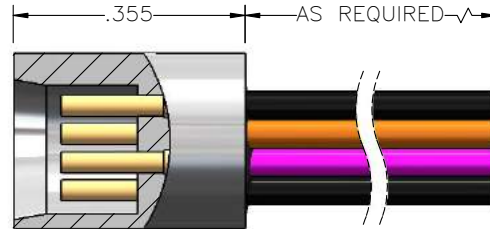


# MICRO CIRCULAR DISCRETE WIRE/CABLE (TYPE WD/WC)

Series	# of Contacts	Termination Type	Options
<b>MC</b>	<b>5</b>	<b>WD: Discrete Wire</b> 	<b>C</b> Color Coded 
	<b>7</b>		
Male (P - Pin) 	<b>12</b>	<b>WC: Cable</b> 	<b>LT</b> Latch 
	<b>16</b>		
	<b>27</b>		
	<b>39</b>		
Female (S - Socket) 			<b>CLIP</b> Locking Clip 
			<b>ST: Inline w/ Shrink Tube</b> 
			<b>RH</b> RoHS COMPLIANT 
			
			

**EXAMPLE:**  
MCS-12-WD-10.0-LT

# Plastic - Socket - Wired MCS-WD

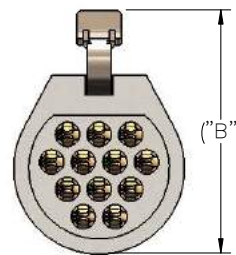
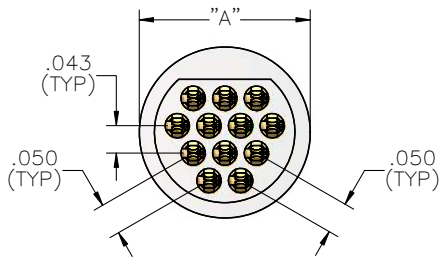
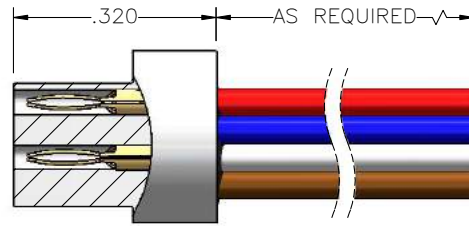


Part #	Contacts	English	Metric
		(IN)	(MM)
		A	A
A22003-001	5	0.220	5.59
A22007-001	12	0.270	6.86
A22035-001	16	0.325	8.26
A22009-001	27	0.395	10.03
A22396-001	39	0.445	11.56

LATCHING OPTION

Part #	Contacts	English	Metric
		(IN)	(MM)
		B	B
A22020-001	5	0.260	6.60
A22065-001	7	0.300	7.62
A22022-001	12	0.340	8.64
A22041-001	16	0.370	9.40
A22024-001	27	0.440	11.18

# Plastic - Pin - Wired MCP-WD



Part #	Contacts	English	Metric
		(IN)	(MM)
A22002-001	5	A	A
A22006-001	12	0.220	5.59
A22034-001	16	0.270	6.86
A22008-001	27	0.325	8.26
A22008-001	27	0.395	10.03
A22388-001	39	0.445	11.56

### LATCHING OPTION

Part #	Contacts	English	Metric
		(IN)	(MM)
A22021-001	5	B	B
A22064-001	7	0.310	7.87
A22023-001	12	0.340	8.64
A22040-001	16	0.380	9.65
A22040-001	16	0.410	10.41
A22025-001	27	0.480	12.19

# MICRO 360<sup>®</sup> Plastic

## Micro Circular Discrete Wire/Cable (Type WD/WC)



### Electrical-Mechanical Specifications

- Operating Temperature: \_\_\_\_\_ -55°C to 125°C (200°C w/ High Temp Epoxy)
- Dielectric Withstand Voltage: \_\_\_\_\_ 600 VAC RMS @sea level
- Contact Resistance: \_\_\_\_\_ 26 milliohms(65 mV) Max @2.5 Amps
- Current Rating: \_\_\_\_\_ 3 Amps per contact
- Durability: \_\_\_\_\_ >2000 Mating Cycles min
- Insulation Resistance: \_\_\_\_\_ 5000 megohms @ 500 VDC
- Shock: \_\_\_\_\_ 50 g's with no discontinuities > 1 microsecond
- Vibration: \_\_\_\_\_ 20 g's with no discontinuities > 1 microsecond
- Thermal Vacuum Outgassing (Space Class): \_\_\_\_\_ 1.0% max TML, 0.03% max CVCM
- Mating/Unmating Force: \_\_\_\_\_ 3 oz (85 g) typical per contact

### Material Specifications

- Contact: \_\_\_\_\_ Copper Alloy per MIL-DTL-83513
- Contact Finish: \_\_\_\_\_ Gold per ASTM B488, Type II, Class 1.27, Code C  
Over Nickel Underplate
- Insulator: \_\_\_\_\_ Thermoplastic per MIL-M-24519
- Wire: \_\_\_\_\_ 26 AWG (7-34) PTFE, color coded