

*Circular Plastic
Connector with
Bayonet
Quick-Connect
Coupling*



PRODUCT SPECIFICATIONS:	iMATE 17	iMATE 23	iMATE 28
Materials:			
Plug Housing		Glass Filled PBT	
Coupling Nut	PA66	Glass Filled PBT	
Receptacle Housing		Glass Filled PBT	
Jam Nut		Glass Filled PBT	
Mounting Gasket		Neoprene	
Contacts		CU Alloy, Gold Over Nickel Plating	
Connector Interface Sealing O-Ring		Silicone	
Overmold	Overmold Material will vary depending on cable selection (PVC, TPU, or other)		
Dimensions:			
Receptacle D Hole Mounting	0.42" dia. / 0.39" *	0.60" dia. / 0.57" *	0.79" dia. / 0.75" *
Basic Plug Max. OD Over coupling Nut	0.59"	0.75"	0.94"
In-Line Receptacle Max OD	0.53"	0.68"	0.87"
Overmold Length with Strain Relief	1.15"	1.52"	1.57"
Max Cable Diameter	0.35"	0.35"	0.50"
Contact Sizes Available (max. #)	#20 (3)	#20 (8), #16 (5)	#20 (14), #16 (6), #12 (4)
Performance:			
Ingress Protection		IP67	
Voltage Rating (RMS)		300V	
Amperage Rating	Up to 7A	Up to 13A	Up to 23A
Max Continuous Temperature	Overmold material and wire / cable selection will influence the overall max temperature rating of the assembly (80—105 degrees C)		
OPTIONS:			
⇒ Crimp or PC Tail Contacts		⇒ Coupling rings are available in a variety of colors	
⇒ Straight or right angle overmolds (with or without strain relief)		⇒ Female Inserts incorporate a closed entry design	
⇒ Male or Female contacts		⇒ Connectors feature blue silicone O-rings for visibility	

* First Dimension is product diameter, second is to the flat.

For more details, please visit our website, or contact us: