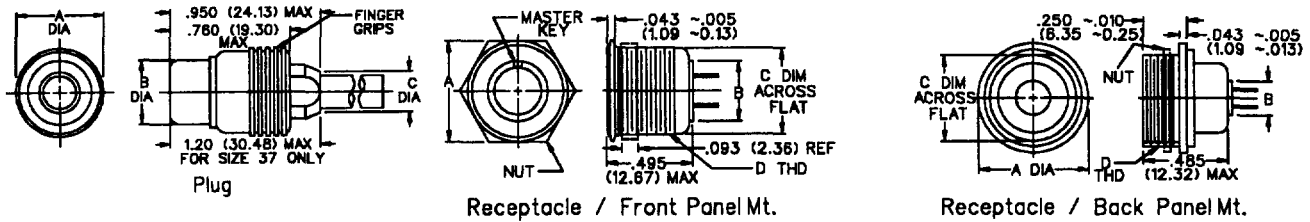


# molex® 1.27mm (.050") Pitch

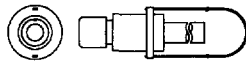
## Ultra-Mate™ RQ Series Circular Connectors

### Quick Disconnect

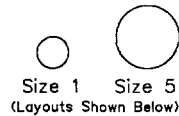
The Ultra-Mate RQ Series is a high-density quick-release push/pull connector series. It is also available with a lanyard release. All connectors have metal shells and are available in the sizes 1, 2 and 3 layouts. Environmental sealing is available. This family provides all the advantages of circular connectors: ease of coupling, round cable bundle form, ease of panel mounting and space efficiency.



Lanyard / Quick Disconnect  
 Consult factory for detailed information

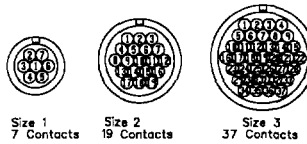


Actual Size of Insulator Face



CONTACT ARRANGEMENTS  
 Face View / Pin Side

Enlarged for Clarity. See Actual Size Above



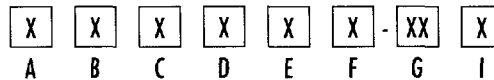
### ORDERING INFORMATION AND DIMENSIONS

Plug				
Shell Size	Dimension			No. of Contacts
	A	B	C	
1	9.78 (.385)	7.75 (.305)	4.57 (.180)	7 or 19
2	13.08 (.515)	10.29 (.405)	6.60 (.260)	19
3	19.30 (.760)	16.13 (.635)	8.89 (.350)	37

Receptacle/Back Panel Mount				
Shell Size	Dimension			
	A	B	C	D (Thread)
1	14.48 (.570)	6.22 (.245)	10.67 (.420)	7/16 28 UNEF-2A
2	16.13 (.635)	8.76 (.345)	13.46 (.530)	9/16 24 UNEF-2A
3	23.24 (.915)	13.21 (.520)	18.42 (.725)	3/4 20 UNEF-2A

Panel Cut-Outs					
Front Panel Mount			Back Panel Mount		
Shell Size	Dimension		Shell Size	Dimension	
	A	B		A	B
1	9.25 (.364)	9.91 (.390)	1	10.80 (.425)	11.18 (.440)
2	12.06 (.475)	13.08 (.515)	2	13.59 (.535)	14.33 (.564)
3	18.52 (.729)	19.18 (.755)	3	18.52 (.729)	19.43 (.755)

Receptacle/Front Panel Mount				
Shell Size	Dimension			
	A	B	C	D (Thread)
1	12.95 (.510)	6.22 (.245)	9.12 (.359)	3/8 32 UNEF-2A
2	14.60 (.575)	8.76 (.345)	11.94 (.470)	1/2 28 UNEF-2A
3	21.72 (.855)	13.21 (.520)	18.80 (.740)	3/4 20 UNEF-2A



A
R   Circular Series

B
Connector Type
Q   Quick Disconnect
L   Lanyard

C
Shell Style
P   Plug
R   Receptacle

D
Mounting Style
0   Plug
1   Front
2   Rear

E
Material
B   Brass
S   Stainless Steel

F
Shell Size
1   7 or 19
2   19
3   37

G
Contact Layout
7, 19, 37

H
Contact Type
P   Pin
S   Socket

Industrial Products

**U**