

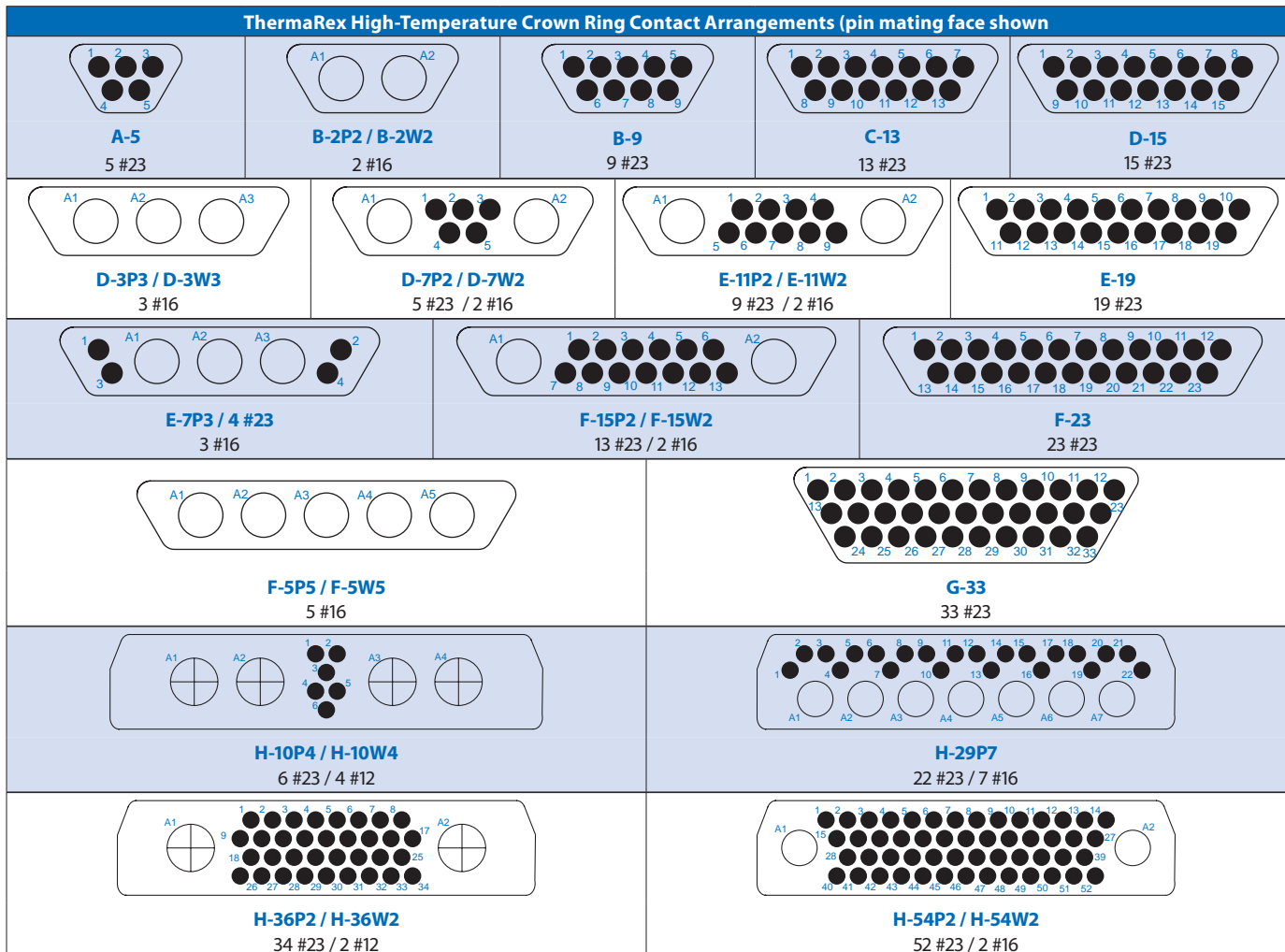
# HIGH-TEMPERATURE TOLERANT ThermaRex HT Series 79 Micro-D Connectors with Micro-Crimp Contacts

## How To Order / Contact Arrangements



How To Order ThermaRex Series 79 connectors				
Sample Part Number	797	-756	S	H-29P7
Series / Basic Part No.	797 High-temperature ThermaRex Series 79 crimp-contact rectangular			
Connector Type	-756 = Plug -757 = Receptacle			
Contact Type	S = Socket (for -756 Plug connectors) P = Pin (for -757 Receptacle connectors)			
Insert Arrangement	Per 799-009. See insert arrangement tables below			

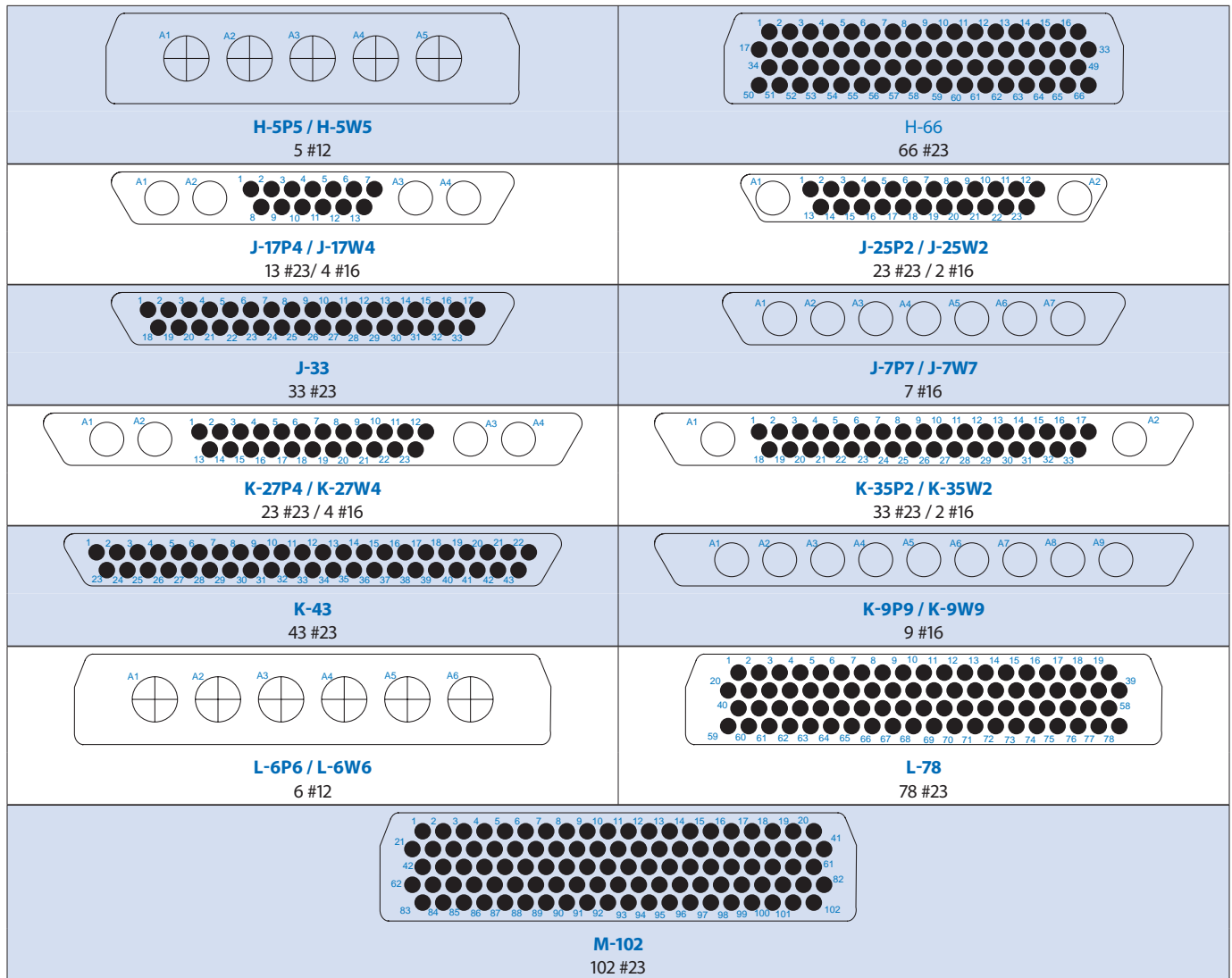
- Service rating up to 300°C
- Vibration-resistant jackpost coupling
- High-temperature ceramic insulators and silicone seals
- Durable stainless steel construction





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### MATERIAL / FINISH NOTES

Housing, Float Mount Hardware, Guide Socket - Stainless Steel / Passivated  
 Pin and Socket Contact - Copper Alloy / Gold Plated  
 Socket Hood - Stainless Steel / Passivated  
 Insulators - High Grade Ceramic / N/A  
 Grommet and Interfacial Seal - High Temperature Silicone / N/A  
 Retainer Clip Stainless Steel / N/A  
 EMI Spring - Stainless Steel / Gold Plated

### ELECTRICAL PERFORMANCE

Contacts: Size 23 = 5 Amps Max. / Size 16 = 13 Amps Max./ Size 12 = 23 Amps Max.  
 DWV - 500 Vac, with 5 Milliampere Max. leakage  
 Insulation Resistance - 5,000 Megohms Max.

Operating Temperature: -65°C to +300°C

### BLIND MATE MISALIGNMENT ALLOWANCE

Shell Sizes A, B, C, D, E, F, G, J, K:  
 $\pm 0.040$  (1.02) Allowable misalignment from centerline  
 Shell Sizes H, L:  
 $\pm 0.040$  (1.02) Allowable misalignment from centerline  
 Shell Size M:  
 $\pm 0.050$  (1.27) allowable misalignment from centerline