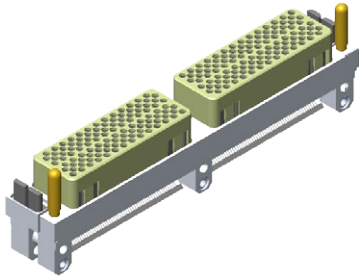


LOW INSERTION FORCE, HIGH DENSITY LRM Brush Connectors



Module connector BR1-003 Staggered-Grid, Dual-Bay, Standard Width

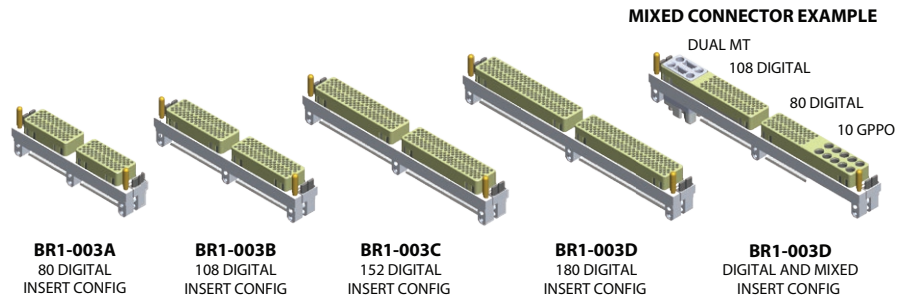


Dual-bay module connector shown with straddle-mount (gull wing) surface-mount terminations

HOW TO ORDER						
Sample Part Number	BR1-003	X	-XX	YY	-X	X
Basic Part Number	LRM module connector, staggered-grid, dual-bay, standard width					
Connector Size	A = 2X 80 Position B = 2X 108 Position C = 2X 152 Position D = 2X 180 Position and Mixed					
Insert Config Bay A	XX = See Insert Arrangements					
Insert Config Bay B	YY = See Insert Arrangements					
Heat Sink Thickness and Dimension ZZ	Heat Sink Thickness	Dimension ZZ				
	±.005	±.0025				
	1 .125	.2225				
	2 .100	.2350				
	3 .075	.2475				
	4 .062	.2540				
Board Package Thickness	1 = .090-.130	2 = .130-.190	3 = .190-.250	4 = .060-.100		

NOTES

- Brush contact termination leads finish: tin/lead SN60 or SN63
- Marking: "Glenair", "06324", part number and date code. Location optional.
- Rear surface of inserts are sealed in brush contact area only. Contacts are not removable.
- Configuration of termination leads varies with board package thickness
- Three (3) connector mounting screws are supplied with the connector.
- Four polarizing keys and two retaining ring, shown assembled, are supplied with the connector packaged in a separate plastic bag. Retaining rings are not reusable and must be replaced when re-keying the connector.
- For Size D connector part numbers, with mixed insert configurations, request sales drawing from Glenair.
- Noted dimensions apply when connector is mounted to selected heat sink thickness.
- For mating backplane connector see drawing BR1-004.



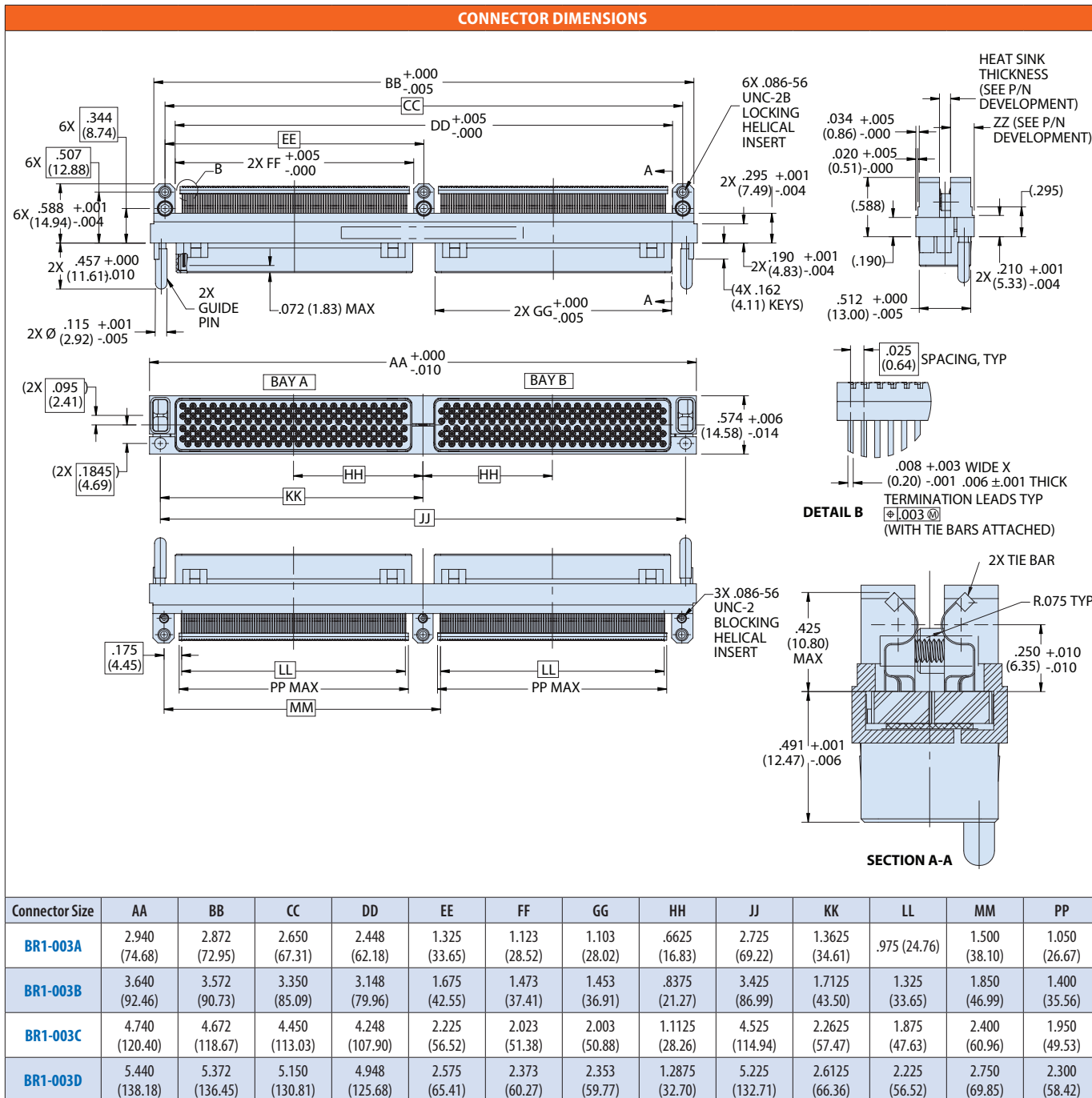
INSERT CONFIGURATIONS TABLE		
Connector Size A • Digital Contacts	Connector Size D • Coax and Mixed Arrangements	
A1 80 Digital	E1 8 GPPO / 108 Digital	J1 Dual MT / 108 Digital
Connector Size B • Digital Contacts	E2 108 Digital / 8 GPPO	J2 108 Digital / Dual MT
B1 108 Digital	F1 10 GPPO / 80 Digital	K1 #22 270 VDC / 108 Digital
B2 108 Digital	F2 80 Digital / 10 GPPO	K2 108 Digital / #22 270 VDC
Connector Size C • Digital Contacts	G1 22 GPPO	K3 #16 270 VDC / 108 Digital
C1 152 Digital	G2 22 GPPO	K4 108 Digital / #16 270 VDC
Connector Size D • Digital Contacts	H1 6 Power / 108 Digital	K5 PIS, 40A, #8 / 108 Digital
D1 180 Digital	H2 108 Digital / 6 Power	K6 108 Digital / PIS, 40A, #8
D2 180 Digital	Refer to Insert Arrangements, High Density, Staggered Grid on page 3 for illustrations of each Insert Config	

LOW INSERTION FORCE, HIGH DENSITY LRM Brush Connectors

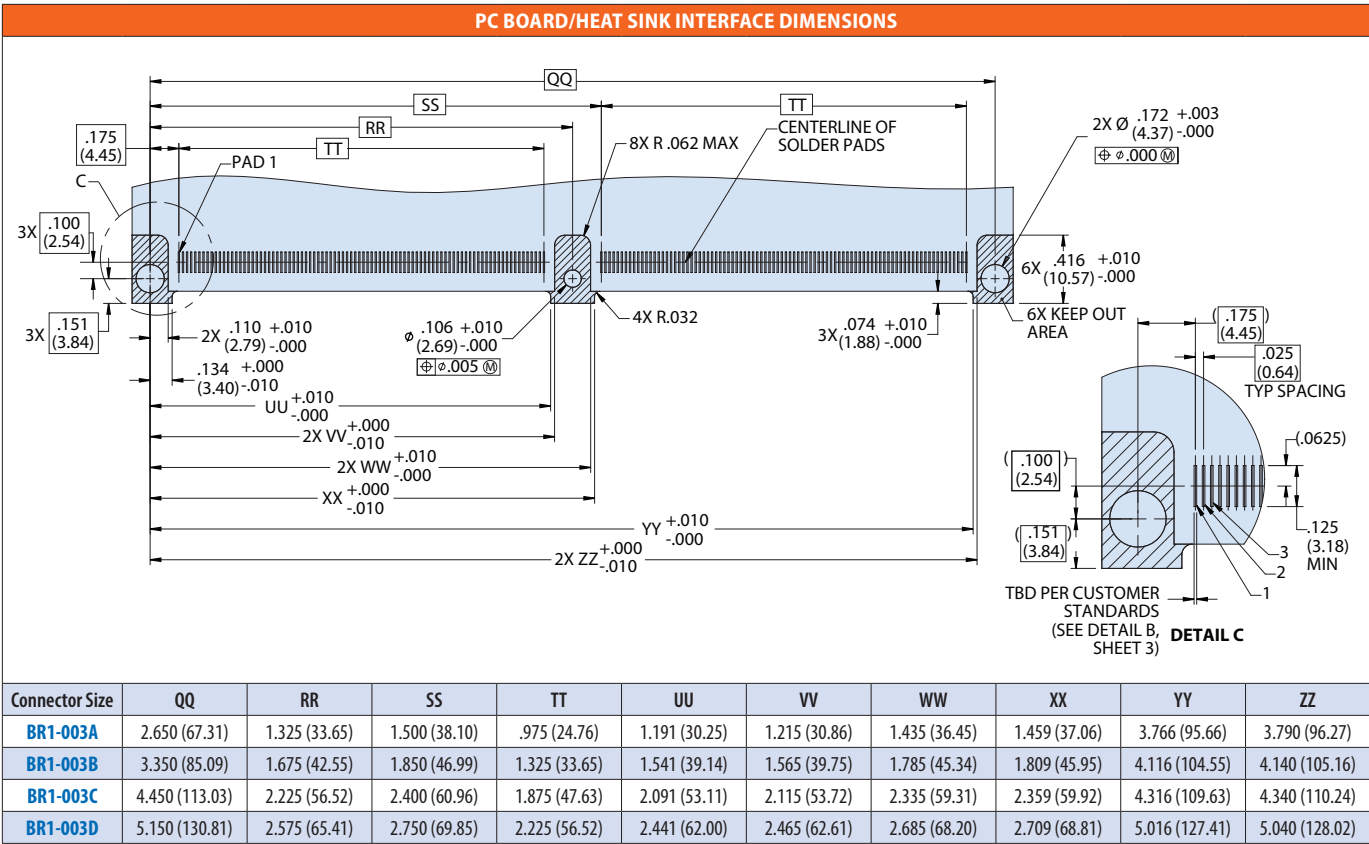


Module connector

BR1-003 Staggered-Grid, Dual-Bay, Standard Width



Module connector
BR1-003 Staggered-Grid, Dual-Bay, Standard Width



Note: PC Board/Heat Sink Interface Dimensions table is applicable to all connector sizes with digital insert configs only.
For PC board/heat sink interface dimensions for assigned size d part numbers with mixed insert configs, refer to individual sales drawings to be requested from Glenair.