

SIGNAL INTERCONNECT DESIGN NAVIGATOR

Selecting the right connector should not be difficult and this design navigator is here to make it easy. Use this document to find connector product lines that meet your application requirements, including optional and non-standard features, and then follow the product page links for detailed product features, sample ordering, and downloadable product specifications.

		High Performance Interconnects (HPI)	1.5mm AMP Mini CT Connectors	2mm AMP CT Connectors	GRACE INERTIA Connectors	Economy Power 2.5 Connectors	Signal Double Lock Connectors	MTA 100 Insulation Displacement Connectors	CST II-100 Crimp Connectors	Flexible Printed Circuit (FPC) Connectors	Flat Flexible Cable (FFC) Connectors
Centerline (mm)		1.0, 1.25, 1.50, 2.0, 2.50	1.50	2.00	2.00, 2.50	2.50	2.50	2.54	2.54	0.25-1.25	1.27, 2.54
Current Rating (A)		3*	3	4	3*	4.2	3	5	4	0.5	0.5
Voltage Rating		50-250 VAC*, 100 VDC	50 VAC	125 VAC	50 VAC	250 VAC	250 VAC/VDC	250 VAC	250 VAC	50-150 VAC*	100-300 VAC*
Flammability Options	UL 94 Rating	V-0	V-0	V-0	V-0	V-0	V-0	V-0 & V-2	V-0	-	-
	IEC 60335-1 Glow Wire Available**	-	-	-	•	•	•	-	-	-	-
Agency Approvals		-	UL, CSA	UL, CSA	UL, VDE	UL, VDE	UL, CSA, TUV	UL, CSA	UL, CSA	-	-
Operating Temp (°C)		-25 to +85	-30 to +105	-30 to +105	-30 to +105	-55 to +105	-30 to +105	-55 to +105	-55 to +105	-40 to +105	-65 to +105
Wire Size (AWG)		32-22*	28-24	30-22	28-18*	26-20	26-20	28-22	26-22	-	-
Position Size		2-32*	2-40	2-30	2-20*	2-40	2-14, 2-10	2-28	2-28	2-75	2-70
Sealed Version Available		-	-	-	-	-	•	-	-	-	-
Color/Keying Available		-	-	-	•	•	•	-	-	-	-
Available Configurations	Wire-To-Wire	-	-	-	•	•	•	•	-	-	-
	Wire-To-Board	•	•	•	•	•	•	•	•	-	-
	Flex-To-Board	-	-	-	-	-	-	-	-	•	•
Link to Product Pages		High Performance Interconnects (HPI)	1.5mm AMP Mini CT Connectors	2mm AMP CT Connectors	GRACE INERTIA Connectors	Economy Power 2.5 Connectors	Signal Double Lock Connectors	MTA 100 Insulation Displacement Connectors	CST II-100 Crimp Connectors	Flexible Printed Circuit (FPC) Connectors	Flat Flexible Cable (FFC) Connectors

*Specifications and available positions will vary based on configuration and centerline spacing • Available

**For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#).