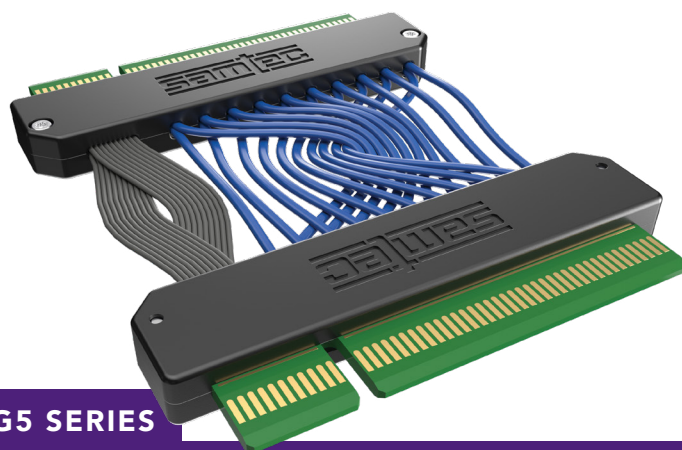


PCI EXPRESS® CABLE ASSEMBLY

(1.00 mm) .0394" PITCH • PCIEC-G4/PCIEC-G5 SERIES



PCIEC-G4

Mates:
PCIE-G4

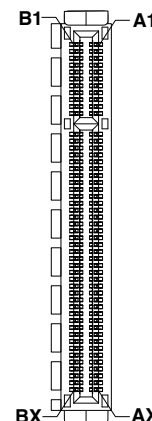
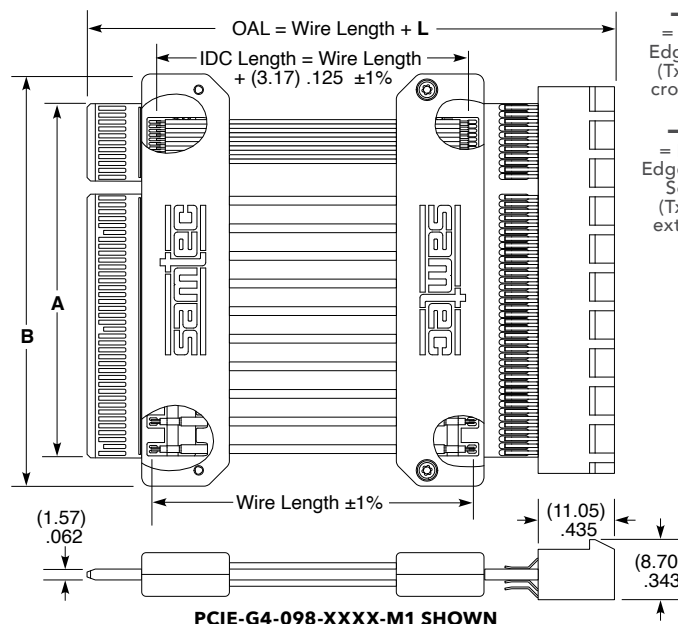
PCIEC-G5

Mates:
PCIE-G5

SPECIFICATIONS

Cable:
Eye Speed® 34 AWG Twinax;
30 AWG insulated ribbon
Operating Temp:
-25 °C to +105 °C
Contact:
Copper Alloy
Plating:
Au or Sn over 50 μ" Ni
Performance:
Supports PCIe® 4.0/5.0/6.0
Bend Radius:
(3.18 mm) .125"
Current Rating:
PCIEC-G4 = 1 A
PCIEC-G5 = 3.2 A
Voltage Rating:
220 VAC/311VDC

PCIEC	GENERATION	NO. OF POSITIONS	WIRE LENGTH	END NO. 2	CABLE OPTION	IMPEDANCE
	-G4 = PCIe® 4.0	-036 (x1), -064 (x4), -098 (x8), -164 (x16)	- "XXXX" = Wire Length in millimeters 0076 mm minimum	-C1 = PCIe® Edge Card (Tx to Tx extender)	Leave blank for no power -P = Power	Leave blank for 100 Ω -85 = 85 Ω
	-G5 = PCIe® 5.0/6.0			-C2 = PCIe® Edge Card (Tx to Rx crossover)		
				-M1 = PCIEC Edge Mount Socket (Tx to Tx extender)		



CABLE OPTION	IMPEDANCE	
	85 Ω	100 Ω
BLANK	34 AWG Taped Shield	
-P (With Power Lines)	34 AWG Taped Shield	

* Contact hdr@samtec.com for information

END TO END	L
-C1 to -C1	(18.60) .732
-C1 to -C2	(29.64) 1.167
-C1 to -M1	(29.64) 1.167

NO. OF POSITIONS	X	A	B
-036 (x1)	18	(20.30) .799	(28.69) 1.13
-064 (x4)	32	(34.30) 1.35	(42.69) 1.68
-098 (x8)	49	(51.30) 2.02	(59.69) 2.35
-164 (x16)	82	(84.30) 3.32	(92.69) 3.65

OTHER SOLUTIONS

For speeds of PCIe® 2.0 & 3.0,
visit samtec.com?PCIEC

Notes:
Cable lengths longer than
1015 millimeters are not
supported with S.I. test data.

Design your full cable assembly
with Samtec's High-Speed
Cable Solutionator® at
www.samtec.com/cablebuilder

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registered trademarks and/or
service marks of PCI-SIG.

This Series is non-standard,
non-returnable.

