

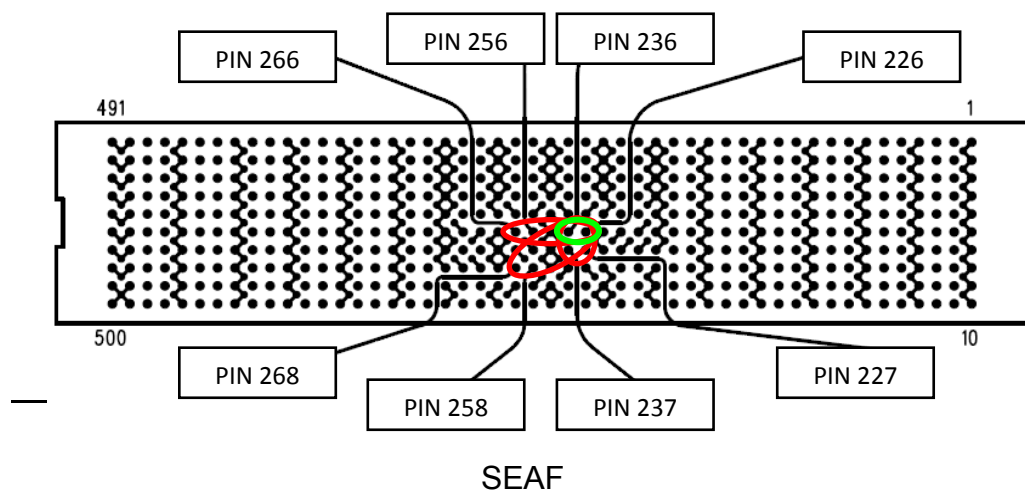
Series: SEAF/SEAR/SEAF

Description: High-Speed, High-Density Array, 85 Ohm Differential Impedance,
1.27mm x 1.27mm Pitch, 43mm Stack Height

Frequency Domain Data Summary

Table 1 – Differential: Pin 226, 236			
Test Parameter	Driver	Receiver	
Insertion Loss	SEAF226A,236A	SEAF226B,236B	3dB@ 8.21 GHz
Return Loss	SEAF226A,236A	SEAF226A,236A	>10dB to 8.51 GHz
Near-End Crosstalk	SEAF226A,236A	SEAF227A,237A	<-20dB to 4.08 GHz
	SEAF226A,236A	SEAF256A,266A	<-20dB to 15.20 GHz
	SEAF226A,236A	SEAF258A,268A	<-20dB to 20.0 GHz
Far-End Crosstalk	SEAF226A,236A	SEAF227B,237B	<-20dB to 3.36 GHz
	SEAF226A,236A	SEAF256B,266B	<-20dB to 20.0 GHz
	SEAF226A,236A	SEAF258B,268B	<-20dB to 20.0 GHz

Differential Pin Map: Pin 226, 236 as driver



○ Insertion Loss & Return Loss
○ Crosstalk

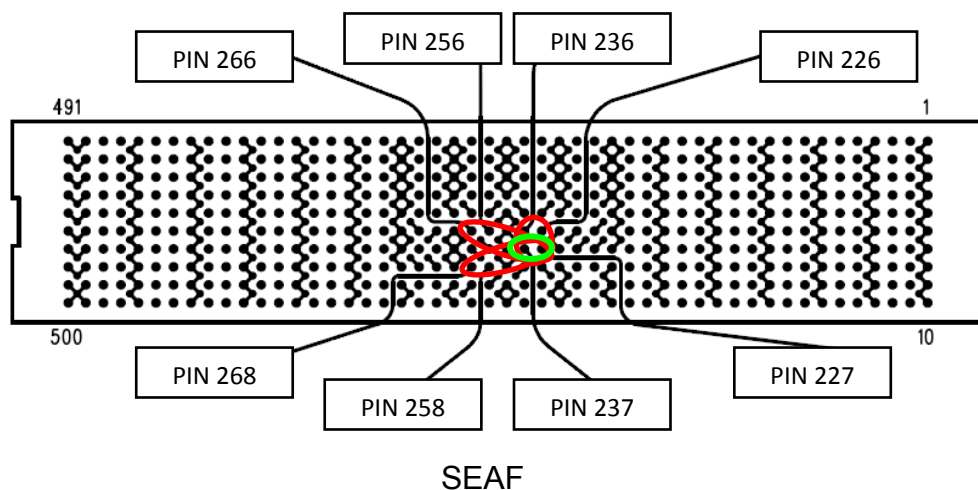
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1.27mm x 1.27mm Pitch, 43mm Stack Height

Table 2 – Differential: Pin 227, 237

Test Parameter	Driver	Receiver	
Insertion Loss	SEAF227A,237A	SEAF227B,237B	3dB@ 8.18 GHz
Return Loss	SEAF227A,237A	SEAF227A,237A	>10dB to 8.28 GHz
Near-End Crosstalk	SEAF227A,237A	SEAF226A,236A	<-20dB to 4.09 GHz
	SEAF227A,237A	SEAF256A,266A	<-20dB to 20.0 GHz
	SEAF227A,237A	SEAF258A,268A	<-20dB to 20.0 GHz
Far-End Crosstalk	SEAF227A,237A	SEAF226B,236B	<-20dB to 3.36 GHz
	SEAF227A,237A	SEAF256B,266B	<-20dB to 20.0 GHz
	SEAF227A,237A	SEAF258B,268B	<-20dB to 20.0 GHz

Differential Pin Map: Pin 227, 237 as driver



○ Insertion Loss & Return Loss
○ Crosstalk

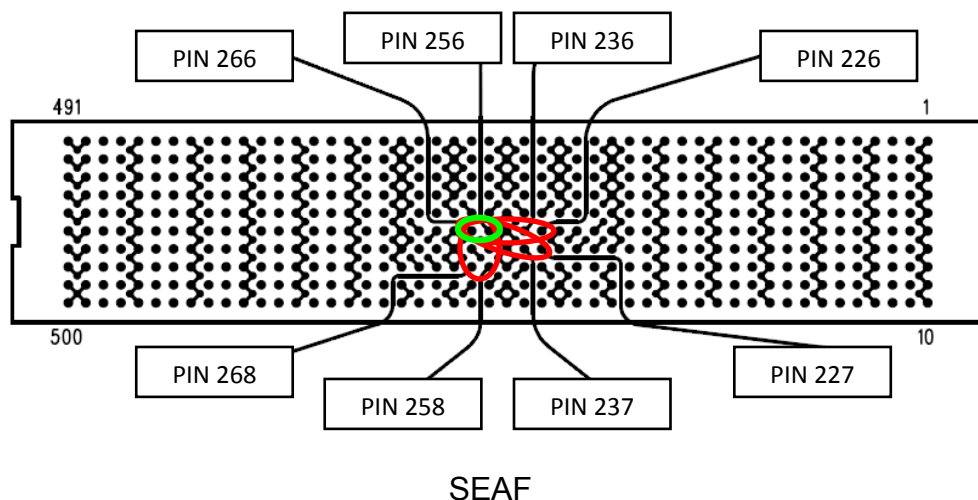
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1.27mm x 1.27mm Pitch, 43mm Stack Height

Table 3 – Differential: Pin 256, 266

Test Parameter	Driver	Receiver	
Insertion Loss	SEAF256A,266A	SEAF256B,266B	3dB@ 8.26 GHz
Return Loss	SEAF256A,266A	SEAF256A,266A	>10dB to 8.34 GHz
Near-End Crosstalk	SEAF256A,266A	SEAF226A,236A	<-20dB to 15.20 GHz
	SEAF256A,266A	SEAF227A,237A	<-20dB to 20.0 GHz
	SEAF256A,266A	SEAF258A,268A	<-20dB to 20.0 GHz
Far-End Crosstalk	SEAF256A,266A	SEAF226B,236B	<-20dB to 16.29 GHz
	SEAF256A,266A	SEAF227B,237B	<-20dB to 20.0 GHz
	SEAF256A,266A	SEAF258B,268B	<-20dB to 20.0 GHz

Differential Pin Map: Pin 256, 266 as driver



 Insertion Loss & Return Loss
 Crosstalk

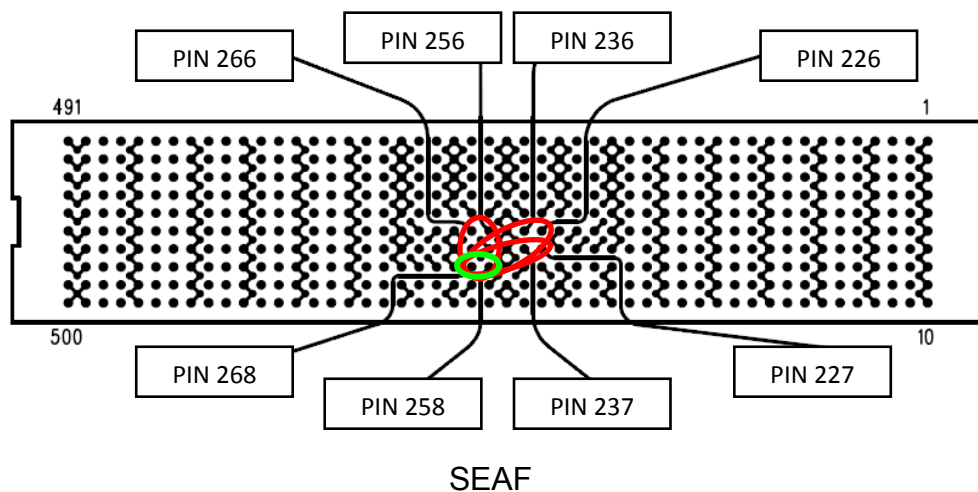
Series: SEAF/SEAR/SEAF

Description: High-Speed, High-Density Array, 85 Ohm Differential Impedance,
1.27mm x 1.27mm Pitch, 43mm Stack Height

Table 4 – Differential: Pin 258, 268

Test Parameter	Driver	Receiver	
Insertion Loss	SEAF258A,268A	SEAF258B,268B	3dB@ 8.31 GHz
Return Loss	SEAF258A,268A	SEAF258A,268A	>10dB to 8.33 GHz
Near-End Crosstalk	SEAF258A,268A	SEAF226A,236A	<-20dB to 20.0 GHz
	SEAF258A,268A	SEAF227A,237A	<-20dB to 20.0 GHz
	SEAF258A,268A	SEAF256A,266A	<-20dB to 20.0 GHz
Far-End Crosstalk	SEAF258A,268A	SEAF226B,236B	<-20dB to 20.0 GHz
	SEAF258A,268A	SEAF227B,237B	<-20dB to 20.0 GHz
	SEAF258A,268A	SEAF256B,266B	<-20dB to 20.0 GHz

Differential Pin Map: Pin 258, 268 as driver



 Insertion Loss & Return Loss
 Crosstalk

Series: SEAF/SEAR/SEAF

Description: High-Speed, High-Density Array, 85 Ohm Differential Impedance,
1.27mm x 1.27mm Pitch, 43mm Stack Height

Bandwidth Charts – Differential Insertion Loss

SEAF-6.5mm/SEAR-30mm/SEAF-6.5mm Array Series

