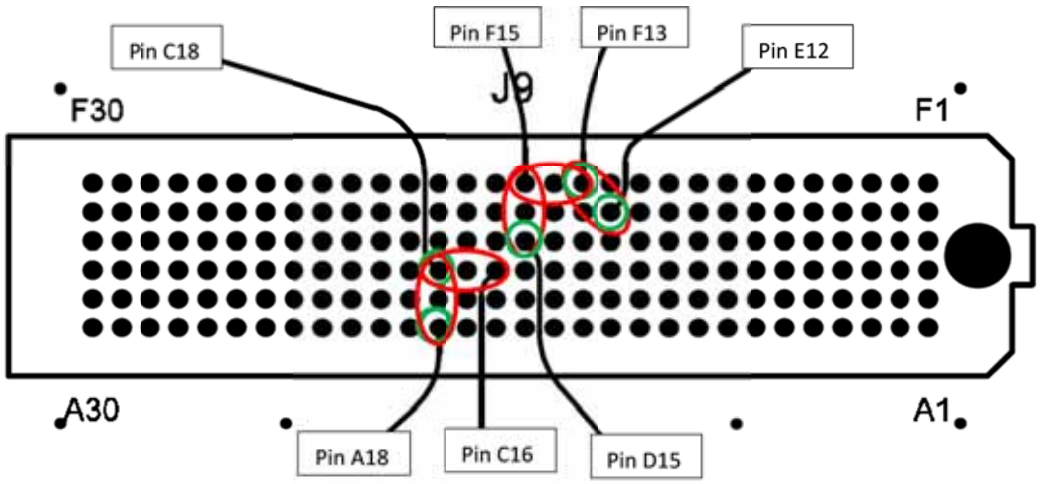
Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Frequency Domain Data Summary

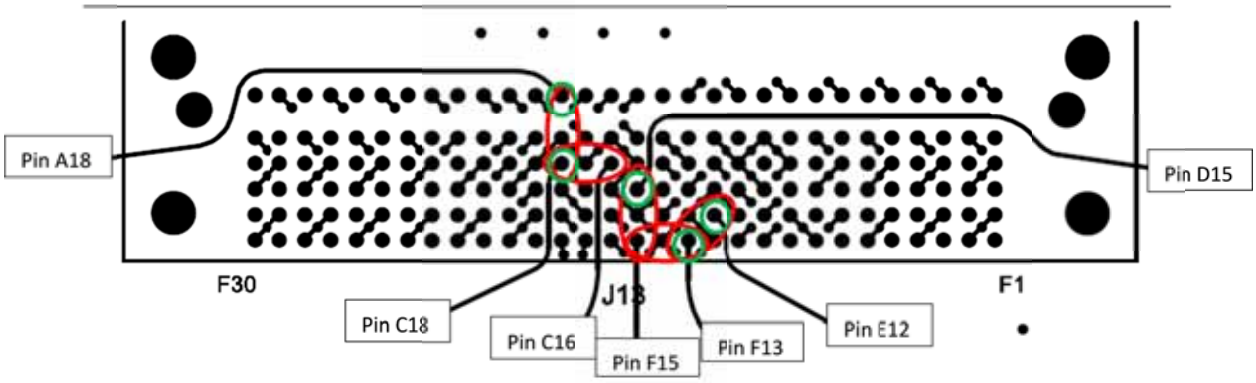
Table 1 - Single-Ended 1:1 S/G Pattern Performance			
Test Parameter	**Driver**	**Receiver**	
Insertion Loss	SEAM-RA_A18	SEAFp_A18	3dB@ 7.4 GHz
	SEAM-RA_C18	SEAFp_C18	3dB@ 9 GHz
	SEAM-RA_D15	SEAFp_D15	3dB@ 8.3 GHz
	SEAM-RA_E12	SEAFp_E12	3dB@ 7.5 GHz
	SEAM-RA_F13	SEAFp_F13	3dB@ 9.8 GHz
Return Loss	SEAM-RA_A18	SEAM-RA_A18	>10dB to 4.3 GHz
	SEAM-RA_C18	SEAM-RA_C18	>10dB to 7.5 GHz
	SEAM-RA_D15	SEAM-RA_D15	>10dB to 7.5 GHz
	SEAM-RA_E12	SEAM-RA_E12	>10dB to 6.3 GHz
	SEAM-RA_F13	SEAM-RA_F13	>10dB to 5.8 GHz
Near-End Crosstalk	SEAM-RA_A18	SEAM-RA_C18	<-20dB to 17.8 GHz
	SEAM-RA_C16	SEAM-RA_C18	<-20dB to 9.2 GHz
	SEAM-RA_D15	SEAM-RA_F15	<-20dB to 8.2 GHz
	SEAM-RA_E12	SEAM-RA_F13	<-20dB to 7.5 GHz
	SEAM-RA_F13	SEAM-RA_F15	<-20dB to 12.8 GHz
Far-End Crosstalk	SEAM-RA_A18	SEAFp_C18	<-20dB to 17.5 GHz
	SEAM-RA_C16	SEAFp_C18	<-20dB to 17.5 GHz
	SEAM-RA_D15	SEAFp_F15	<-20dB to 8.2 GHz
	SEAM-RA_E12	SEAFp_F13	<-20dB to 3.8 GHz
	SEAM-RA_F13	SEAFp_F15	<-20dB to 12.9 GHz

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Single-Ended 1:1 S/G Pattern Pin Map



SEAFP



SEAM-RA

Insertion Loss & Return Loss

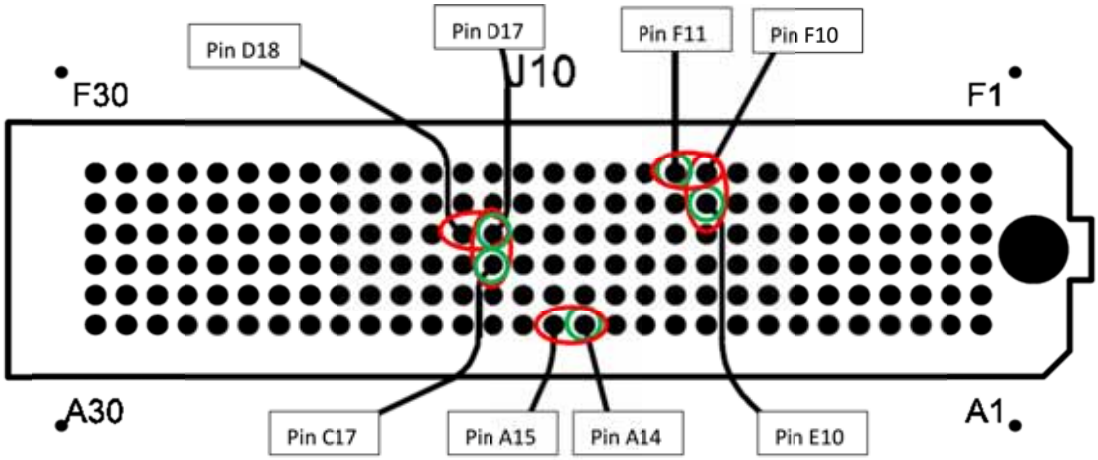
Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

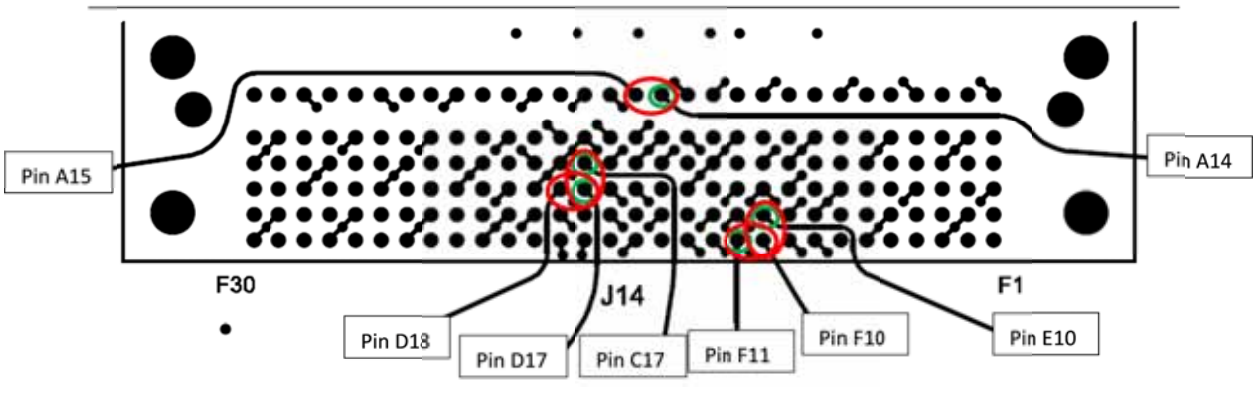
Table 2 - Single-Ended 2:1 S/G Pattern Performance			
Test Parameter	**Driver**	**Receiver**	
Insertion Loss	SEAM-RA_A14	SEAFp_A14	3dB@ 5.8 GHz
	SEAM-RA_C17	SEAFp_C17	3dB@ 8.9 GHz
	SEAM-RA_D17	SEAFp_D17	3dB@ 11.2 GHz
	SEAM-RA_E10	SEAFp_E10	3dB@ 7.4 GHz
	SEAM-RA_F11	SEAFp_F11	3dB@ 9.6 GHz
Return Loss	SEAM-RA_A14	SEAM-RA_A14	>10dB to 5.9 GHz
	SEAM-RA_C17	SEAM-RA_C17	>10dB to 8.1 GHz
	SEAM-RA_D17	SEAM-RA_D17	>10dB to 7.8 GHz
	SEAM-RA_E10	SEAM-RA_E10	>10dB to 6.3 GHz
	SEAM-RA_F11	SEAM-RA_F11	>10dB to 5.9 GHz
Near-End Crosstalk	SEAM-RA_A14	SEAM-RA_A15	<-20dB to 0.7 GHz
	SEAM-RA_C17	SEAM-RA_D17	<-20dB to 0.8 GHz
	SEAM-RA_D17	SEAM-RA_D18	<-20dB to 0.6 GHz
	SEAM-RA_E10	SEAM-RA_F10	<-20dB to 0.6 GHz
	SEAM-RA_F10	SEAM-RA_F11	<-20dB to 0.4 GHz
Far-End Crosstalk	SEAM-RA_A14	SEAFp_A15	<-20dB to 5.1 GHz
	SEAM-RA_C17	SEAFp_D17	<-20dB to 8 GHz
	SEAM-RA_D17	SEAFp_D18	<-20dB to 8.1 GHz
	SEAM-RA_E10	SEAFp_F10	<-20dB to 4.3 GHz
	SEAM-RA_F11	SEAFp_F10	<-20dB to 7.8 GHz

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Single-Ended 2:1 S/G Pattern Pin Map



SEAFP



SEAM-RA

Insertion Loss & Return Loss

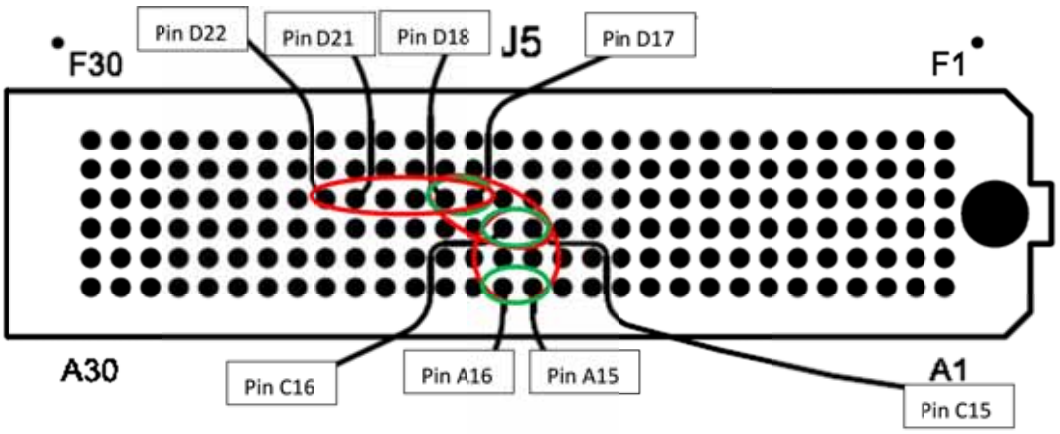
Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

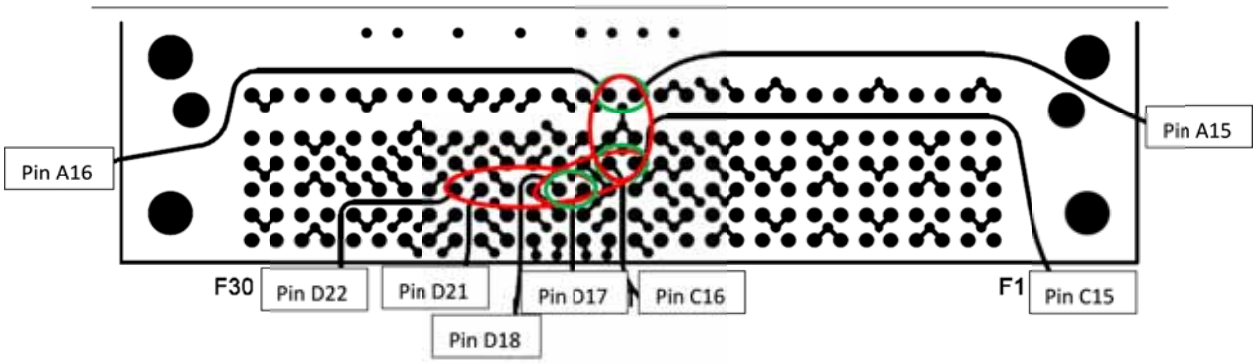
Table 3 - Differential Optimal Horizontal Performance			
Test Parameter	**Driver**	**Receiver**	
Insertion Loss	SEAM-RA_A15,A16	SEAFp_A15,A16	3dB@ 11.2 GHz
	SEAM-RA_C15,C16	SEAFp_C15,C16	3dB@ 9.1 GHz
	SEAM-RA_D17,D18	SEAFp_D17,D18	3dB@ 8.1 GHz
	SEAM-RA_E15,E16	SEAFp_E15,E16	3dB@ 7.3 GHz
	SEAM-RA_F21, F22	SEAFp_F21,F22	3dB@ 10.1 GHz
Return Loss	SEAM-RA_A15,A16	SEAM-RA_A15,A16	>10dB to 7.4 GHz
	SEAM-RA_C15,C16	SEAM-RA_C15,C16	>10dB to 8 GHz
	SEAM-RA_D17,D18	SEAM-RA_D17,D18	>10dB to 7.9 GHz
	SEAM-RA_E15,E16	SEAM-RA_E15,E16	>10dB to 6.5 GHz
	SEAM-RA_F21, F22	SEAM-RA_F21, F22	>10dB to 6.3 GHz
Near-End Crosstalk	SEAM-RA_A15,A16	SEAM-RA_C15,C16	<-20dB to 17.7 GHz
	SEAM-RA_C15,C16	SEAM-RA_D17,D18	<-20dB to 20 GHz
	SEAM-RA_D17,D18	SEAM-RA_D21,D22	<-20dB to 20 GHz
	SEAM-RA_E15,E16	SEAM-RA_F17,F18	<-20dB to 20 GHz
	SEAM-RA_F17, F18	SEAM-RA_F21,F22	<-20dB to 20 GHz
Far-End Crosstalk	SEAM-RA_A15,A16	SEAFp_C15,C16	<-20dB to 17.6 GHz
	SEAM-RA_C15,C16	SEAFp_D17,D18	<-20dB to 20 GHz
	SEAM-RA_D17,D18	SEAFp_D21,D22	<-20dB to 20 GHz
	SEAM-RA_E15,E16	SEAFp_F17,F18	<-20dB to 20 GHz
	SEAM-RA_F17, F18	SEAFp_F21,F22	<-20dB to 20 GHz

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Differential Optimal Horizontal Pin Map



SEAFP

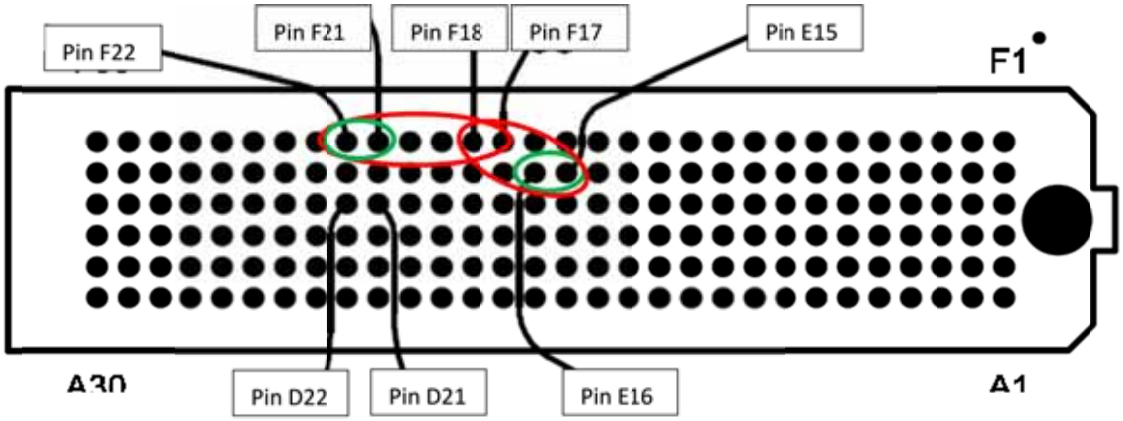


SEAM-RA

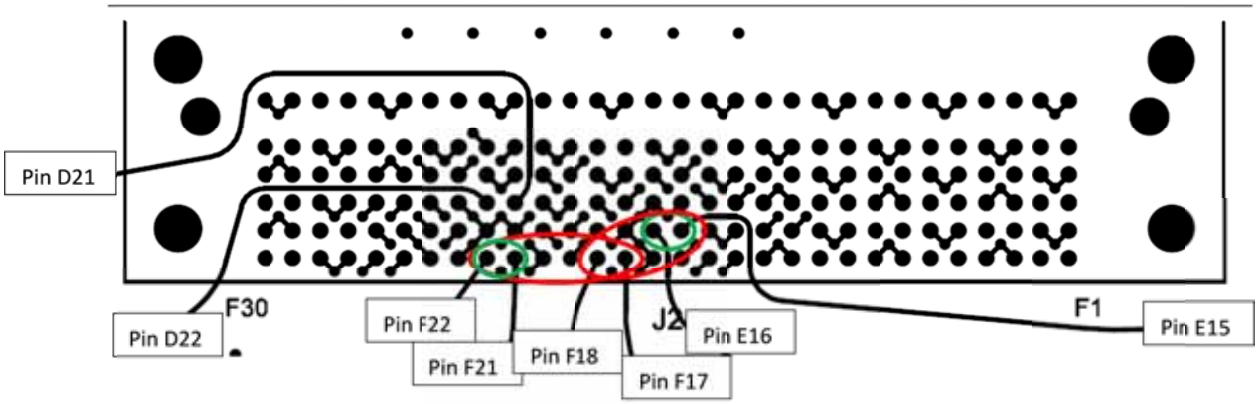
Insertion Loss & Return Loss

Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle



SEAFP



SEAM-RA

Insertion Loss & Return Loss

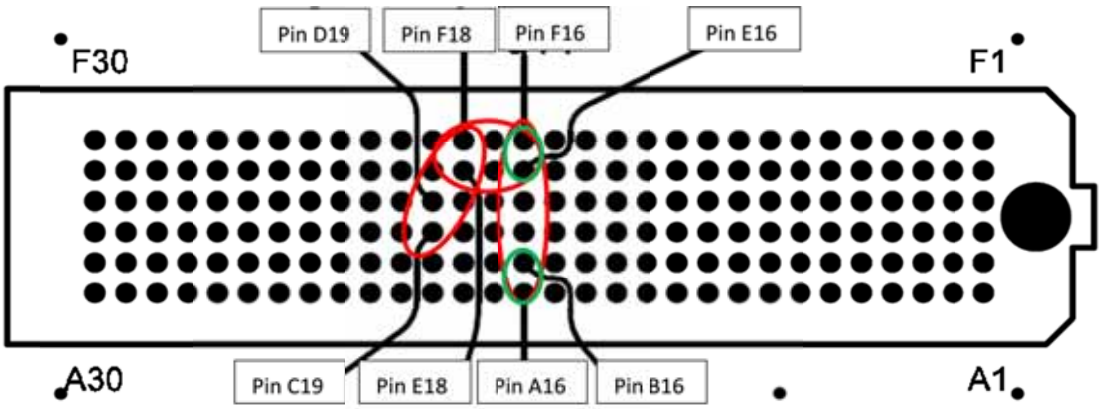
Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

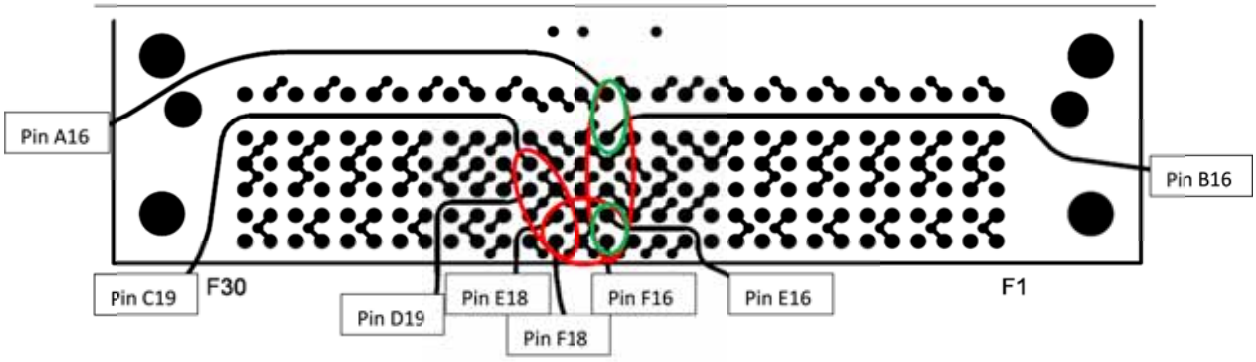
Table 4 - Differential Optimal Vertical Performance			
Test Parameter	**Driver**	**Receiver**	
Insertion Loss	SEAM-RA_A16,B16	SEAFp_A16,B16	3dB@ 9.3 GHz
	SEAM-RA_C17,D17	SEAFp_C17,D17	3dB@ 8.2 GHz
	SEAM-RA_E16,F16	SEAFp_E16,F16	3dB@ 10.5 GHz
Return Loss	SEAM-RA_A16,B16	SEAM-RA_A16,B16	>10dB to 9.1 GHz
	SEAM-RA_C17,D17	SEAM-RA_C17,D17	>10dB to 8.2 GHz
	SEAM-RA_E16,F16	SEAM-RA_E16,F16	>10dB to 9.9 GHz
Near-End Crosstalk	SEAM-RA_A14,B14	SEAM-RA_A16, B16	<-20dB to 20 GHz
	SEAM-RA_A16,B16	SEAM-RA_C17, D17	<-20dB to 20 GHz
	SEAM-RA_A16,B16	SEAM-RA_E16, F16	<-20dB to 20 GHz
	SEAM-RA_C19,D19	SEAM-RA_E18, F18	<-20dB to 20 GHz
	SEAM-RA_E16,F16	SEAM-RA_E18, F18	<-20dB to 20 GHz
Far-End Crosstalk	SEAM-RA_A14,B14	SEAFp_A16, B16	<-20dB to 20 GHz
	SEAM-RA_A16,B16	SEAFp_C17, D17	<-20dB to 20 GHz
	SEAM-RA_A16,B16	SEAFp_E16, F16	<-20dB to 20 GHz
	SEAM-RA_C19,D19	SEAFp_E18, F18	<-20dB to 20 GHz
	SEAM-RA_E16,F16	SEAFp_E18, F18	<-20dB to 20 GHz

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Differential Optimal Vertical Pin Map



SEAFP

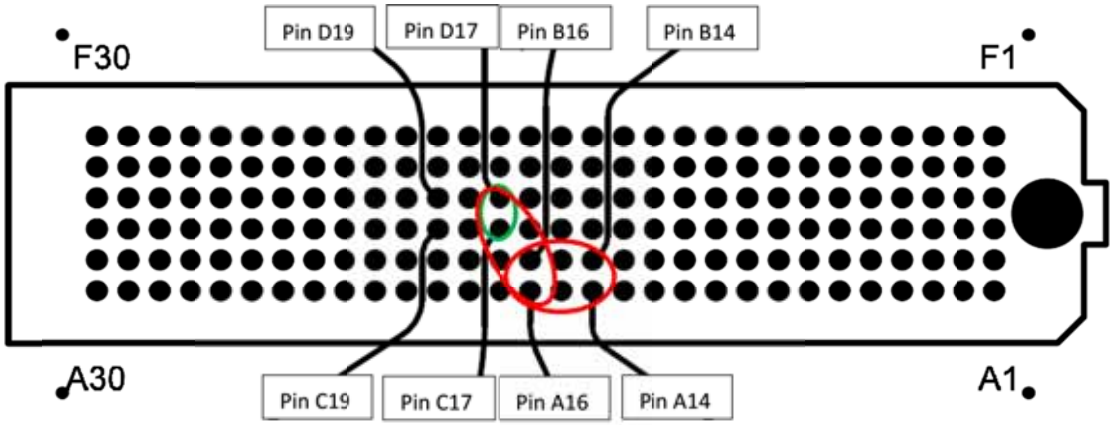


SEAM-RA

Insertion Loss & Return Loss

Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle



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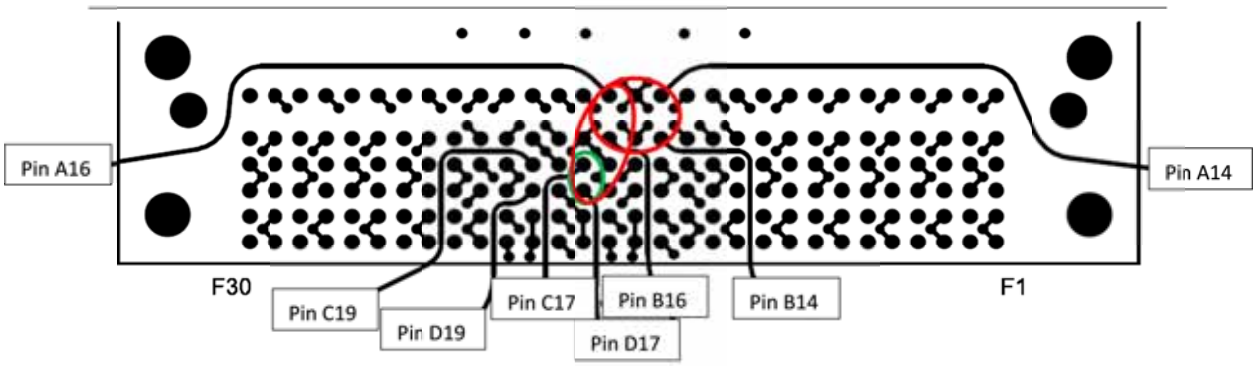


SEAM-RA

Insertion Loss & Return Loss

Crosstalk

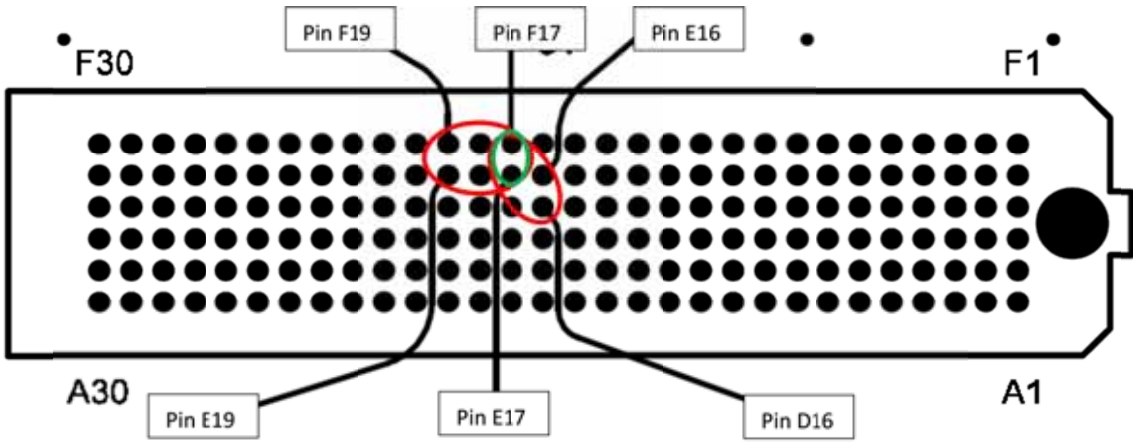
Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Table 5 - Differential High Density Vertical Performance

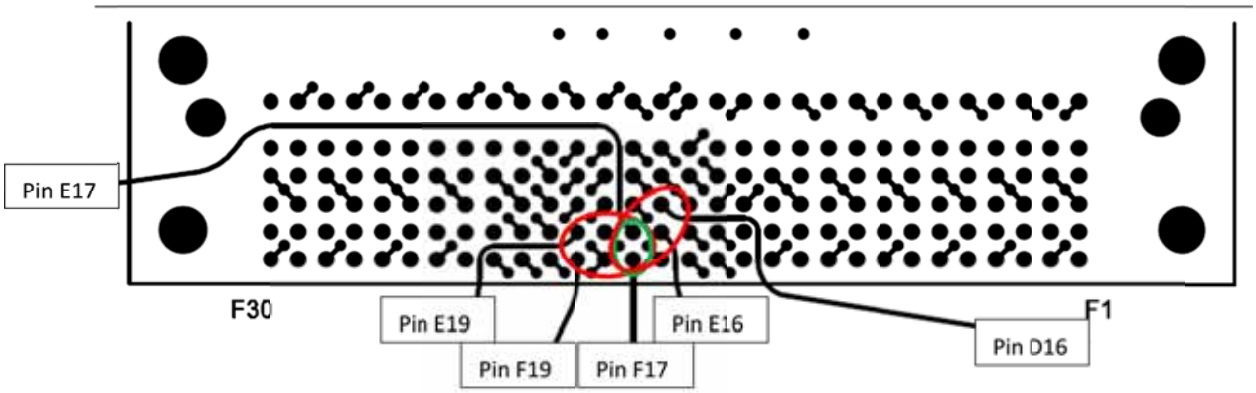
Test Parameter	Driver	Receiver	
Insertion Loss	SEAM-RA_A14,B14	SEAFp_A14,B14	3dB@ 8.5 GHz
	SEAM-RA_B15,C15	SEAFp_B15,C15	3dB@ 9.7 GHz
	SEAM-RA_D16,E16	SEAFp_D16,E16	3dB@ 8.6 GHz
	SEAM-RA_E17, F17	SEAFp_E17, F17	3dB@ 7 GHz
Return Loss	SEAM-RA_A14,B14	SEAM-RA_A14,B14	>10dB to 9 GHz
	SEAM-RA_B15,C15	SEAM-RA_B15,C15	>10dB to 8.8 GHz
	SEAM-RA_D16,E16	SEAM-RA_D16,E16	>10dB to 8 GHz
	SEAM-RA_E17, F17	SEAM-RA_E17, F17	>10dB to 6.6 GHz
Near-End Crosstalk	SEAM-RA_A14,B14	SEAM-RA_B15,C15	<-20dB to 8 GHz
	SEAM-RA_B15,C15	SEAM-RA_D16,E16	<-20dB to 20 GHz
	SEAM-RA_D16,E16	SEAM-RA_D18,E18	<-20dB to 18.4 GHz
	SEAM-RA_D16,E16	SEAM-RA_E17,F17	<-20dB to 6.4 GHz
	SEAM-RA_E17, F17	SEAM-RA_E19, F19	<-20dB to 12.6 GHz
Far-End Crosstalk	SEAM-RA_A14,B14	SEAFp_B15,C15	<-20dB to 10.5 GHz
	SEAM-RA_B15,C15	SEAFp_D16,E16	<-20dB to 17.9 GHz
	SEAM-RA_D16,E16	SEAFp_D18,E18	<-20dB to 9.7 GHz
	SEAM-RA_D16,E16	SEAFp_E17,F17	<-20dB to 6.3 GHz
	SEAM-RA_E17, F17	SEAFp_E19, F19	<-20dB to 6.2 GHz

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Differential High Density Vertical Pin Map



SEAFP

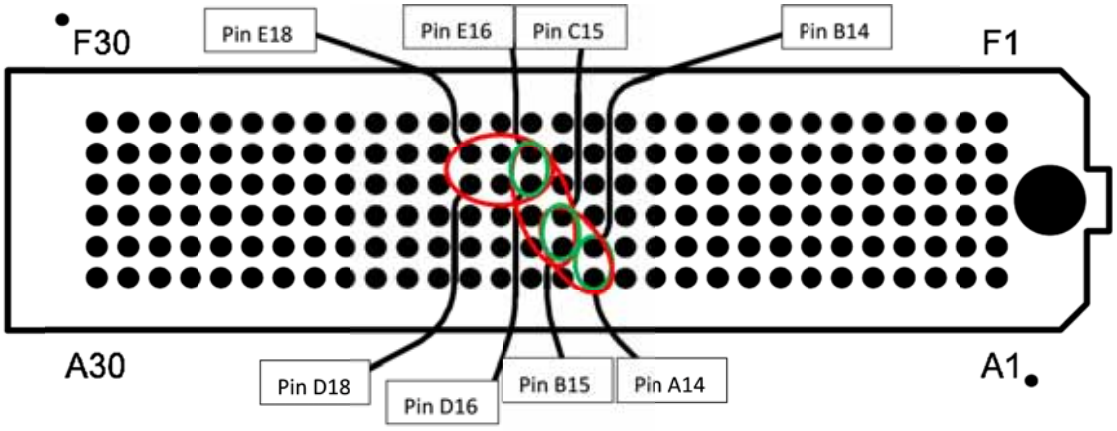


SEAM-RA

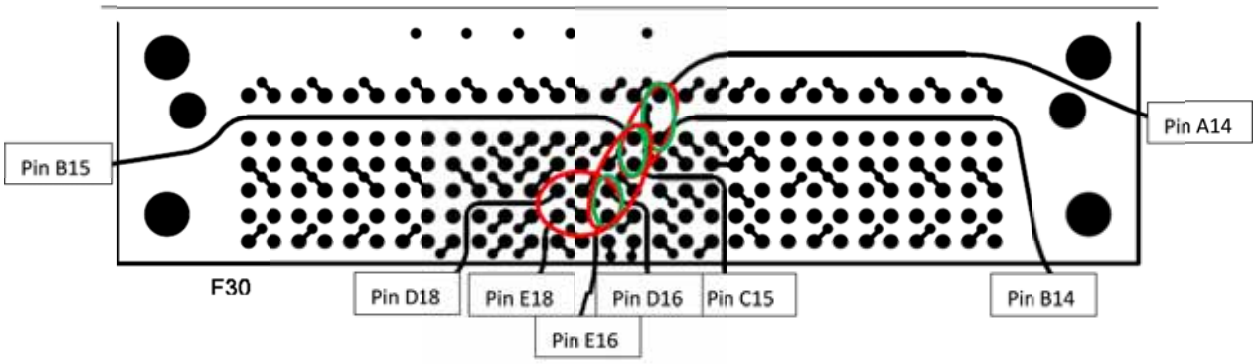
Insertion Loss & Return Loss

Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle



SEAFP



SEAM-RA

Insertion Loss & Return Loss

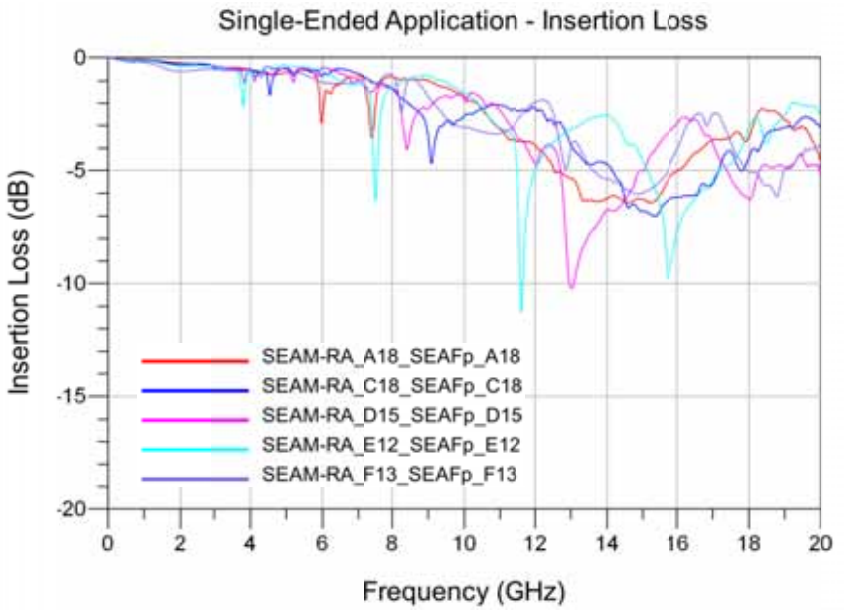
Crosstalk

Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

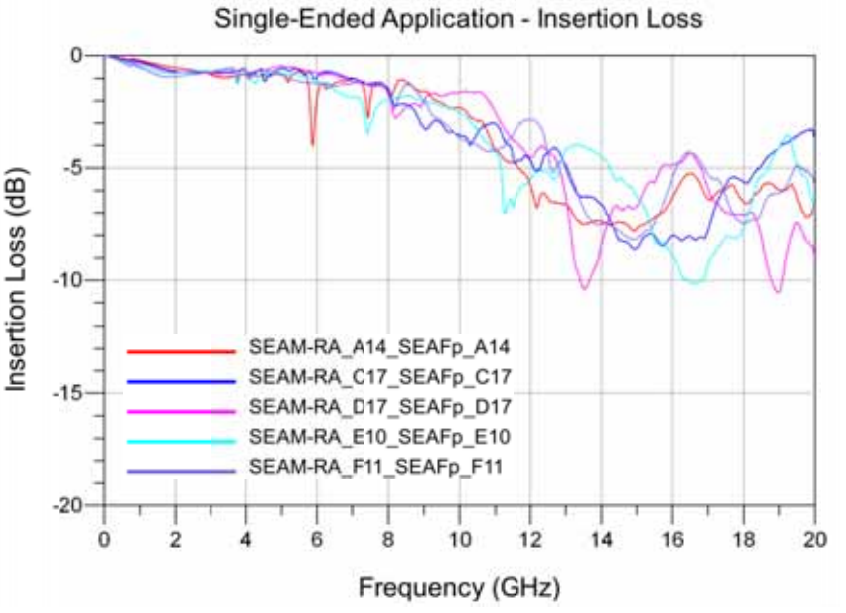
Bandwidth Charts – Single-Ended & Differential Insertion Loss

SEAFP/SEAM_RA Array Series

Single-Ended 1:1 S/G Pattern

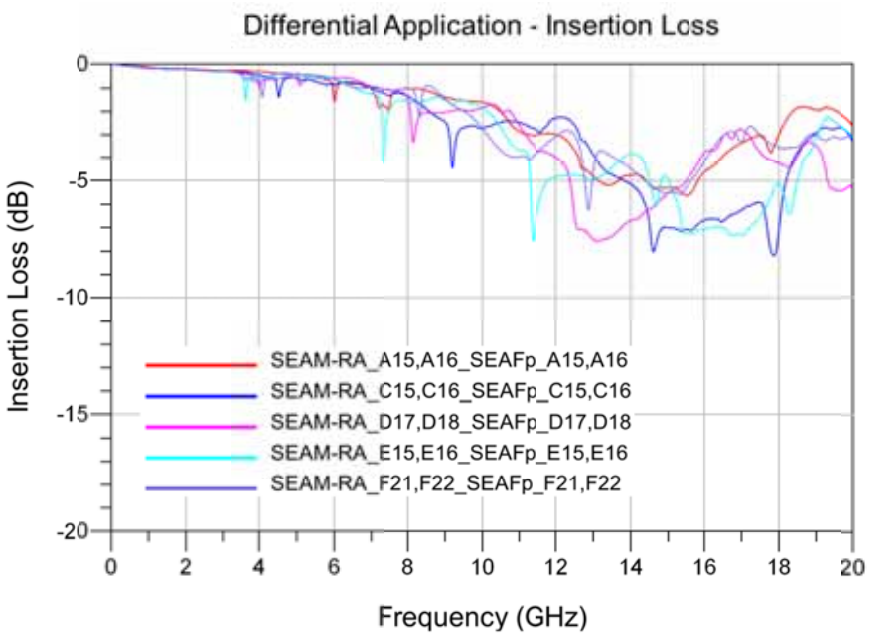


Single-Ended 2:1 S/G Pattern

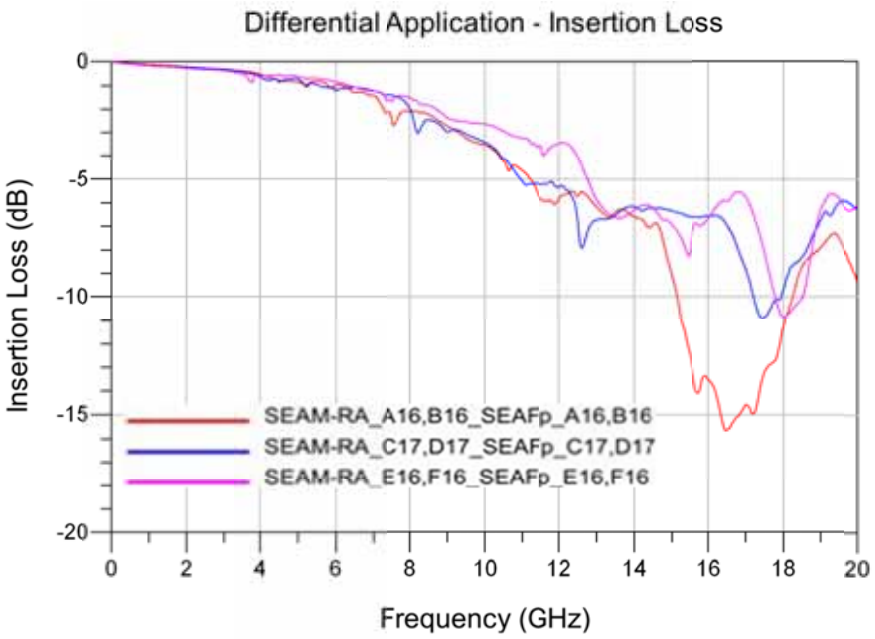


Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Differential Optimal Horizontal



Differential Optimal Vertical



Series: SEAFP/SEAM_RA Array Series
Description: 1.27mm x 1.27mm grid interconnect system, Vertical Array to Right Angle

Differential High Density Vertical