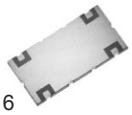
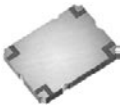
HIGH POWER BI-DIRECTIONAL COUPLERS

New! SYNSTRIP® SURFACE MOUNT


216


217


226-1

FREQUENCY RANGE LF-HF (MHz)	COUPLING (dB) MEAN	INSERTION LOSS (dB) MAX	FREQUENCY SENSITIVITY (dB) MAX	DIRECTIVITY (dB) TYP/MIN	VSWR TYP/MAX	PACKAGE	PIN-OUT (See Below)	MODEL
800 - 1000	21.5 ±1.0	0.25	0.6	22/15	1.20:1/1.25:1	217	6	**SDC-8010**
800 - 1200	10.0 ±1.0	0.25	0.6	22/18	1.20:1/1.25:1	226-1	6	**SCS-8012B**
800 - 1200	20.0 ±1.0	0.25	0.6	22/18	1.20:1/1.25:1	226-1	6	**SCS-8012D**
1500 - 2200	10.0 ±1.0	0.25	0.3	23/18	1.20:1/1.25:1	226-1	6	**SCS-1522B**
1500 - 2200	20.0 ±1.0	0.25	0.3	23/20	1.18:1/1.20:1	226-1	6	**SCS-1522D**
2100 - 2400	10.5 ±0.5	0.25	0.6	22/15	1.40:1/1.50:1	216	6	**SDC-2124**
2100 - 2500	10.0 ±1.0	0.25	0.3	23/18	1.18:1/1.20:1	226-1	6	**SCS-2125B**
2100 - 2500	20.0 ±1.0	0.25	0.3	22/20	1.18:1/1.20:1	226-1	6	**SCS-2125D**

Note(Synstrip Surface Mount Only) **:**
Power rating = 100 watts ave. cw (Max.)

PIN-OUT TABLE

	IN	OUT	COUPLED	GND	NO CONN.	*ISOLATED
#6	1	2	4	All Other	-	3

* Terminate isolated port with 50 ohms.

COAXIAL CONNECTOR

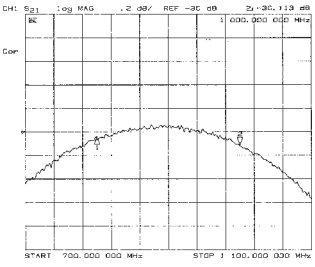

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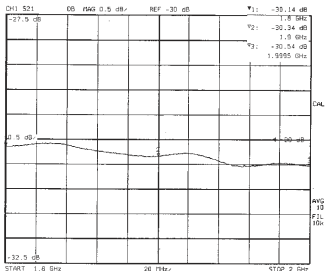

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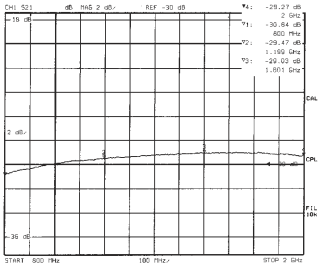

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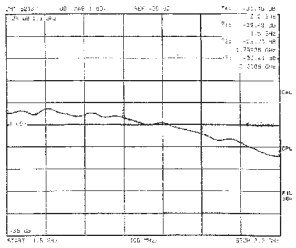
COUPLING (dB) NOM.	FREQUENCY RANGE LF-HF (MHz)	COUPLING FLATNESS (dB)	MAINLINE LOSS (dB) MAX.	DIRECTIVITY (dB) MIN.	INPUT POWER MAX.	VSWR TYP	IMPEDANCE (OHMS)	PACKAGE	MODEL
30.0 ± 1.0	800 - 2000	± 0.4	0.4	20	100	1.25:1	50	210	**KEK-706H**
30.0 ± 0.75	850 - 960	± 0.25	0.2	30	500	1.15:1	50	207	**KEK-704H**
30.0 ± 0.75	1800 - 2000	± 0.25	0.2	30	500	1.15:1	50	208	**KEK-705H**
30.0 ± 0.75	1500 - 2200	± 1.0	0.5	30	500	1.15:1	50	208	**KEK-707H**

For pin location and package outline drawings, see back pages.


KEK-704H (COUPLING)


KEK-705H (COUPLING)


KEK-706H (COUPLING)


KEK-707H (COUPLING)

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