



Transfer Electromechanical Relay Latching Switch
DC to 40 GHz, 2M Lifecycles, 2.92mm, 5 Watts,
28V, Self Cut Off, Diodes, Solder Pins

Electromechanical Relay Switches Technical Data

PE71S6483

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 6	6 to 12.4	12.4 to 26.5	26.5 to 40		GHz
VSWR, Max	1.2:1	1.3:1	1.4:1	1.8:1		
Insertion Loss, Max	0.2	0.4	0.7	1		dB
Isolation, Min	85	80	65	50		dB

Mechanical Specifications

Size

Length	2 in [50.8 mm]
Width/Diameter	2.16 in [54.86 mm]
Height	1.26 in [32 mm]
Weight	0.1 lbs [45.36 g]

Connectors

RF Connector Type	2.92mm Female
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Environmental Specifications

Temperature

Operating Range	-25 to +65 deg C
Storage Range	-55 to +100 deg C

Shock	MIL-STD-202 Method 213, Condition D, 500G (non oper)
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Vibration	MIL-STD-202 Method 204, Condition D, 10G RMS (non oper)
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Transfer Electromechanical Relay Latching Switch DC to 40 GHz, 2M Lifecycles, 2.92mm, 5 Watts, 28V, Self Cut Off, Diodes, Solder Pins PE71S6483](#)

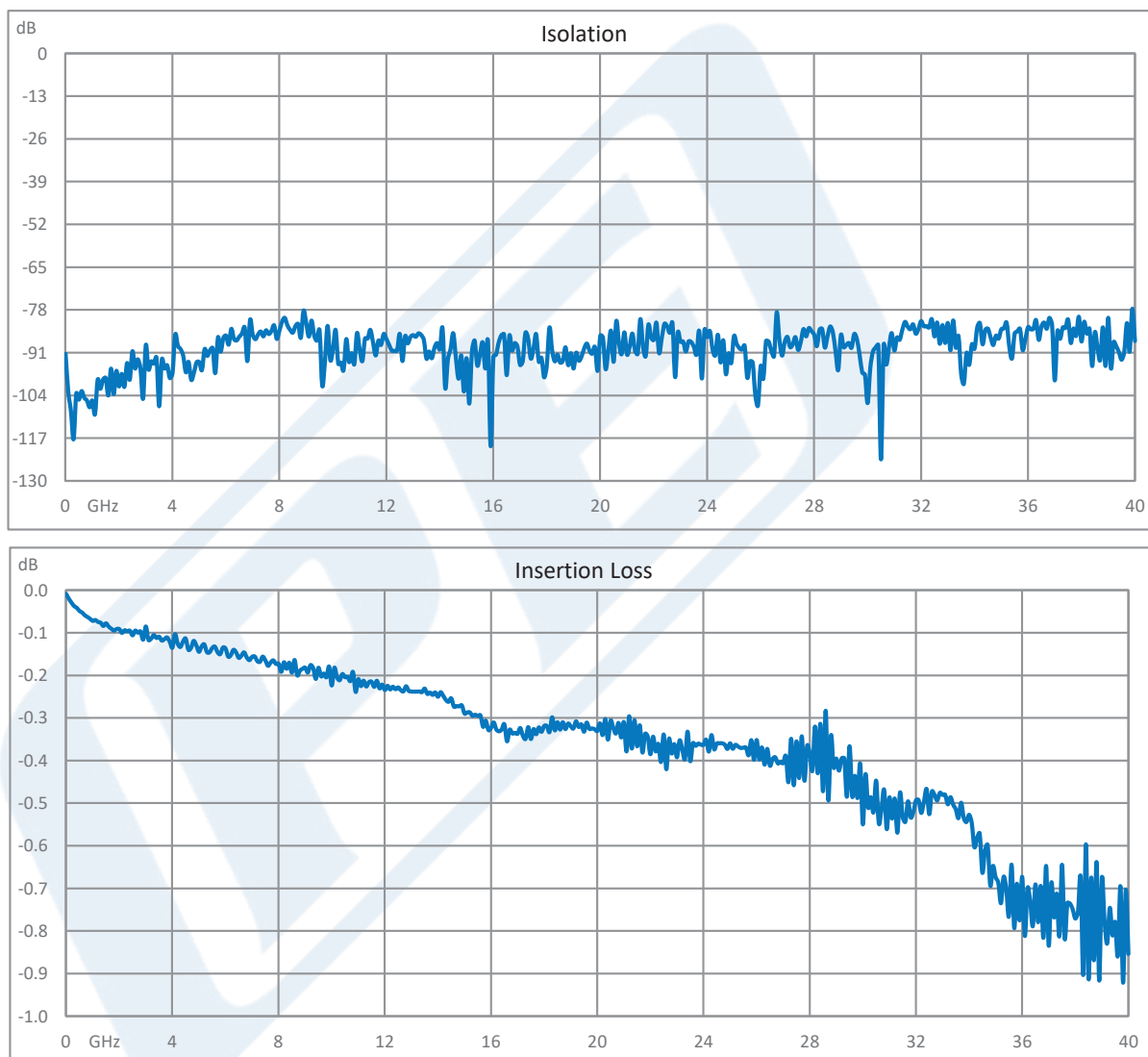


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Typical Performance Data



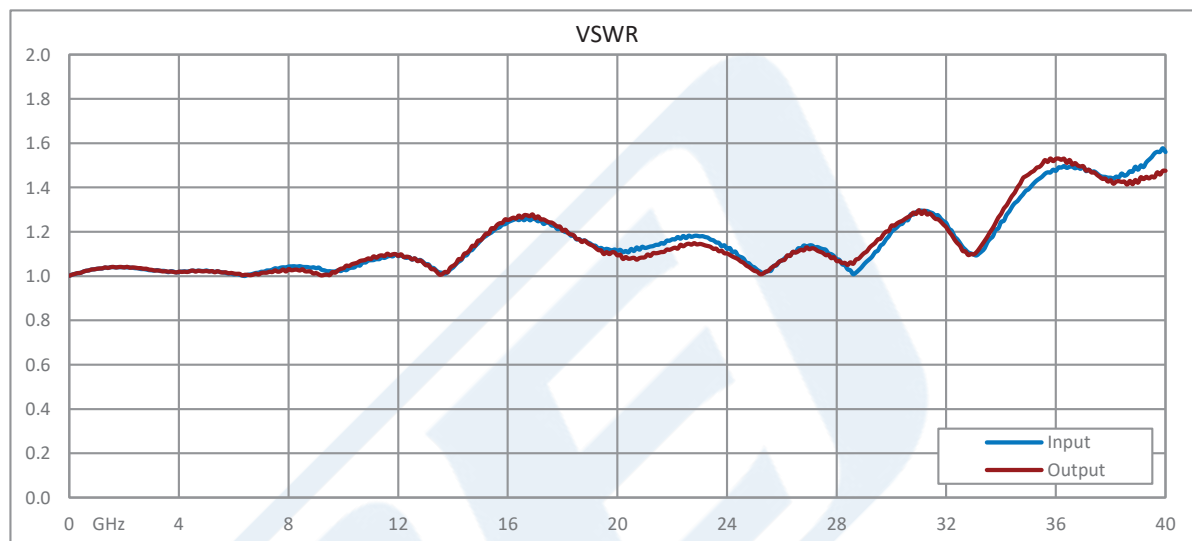
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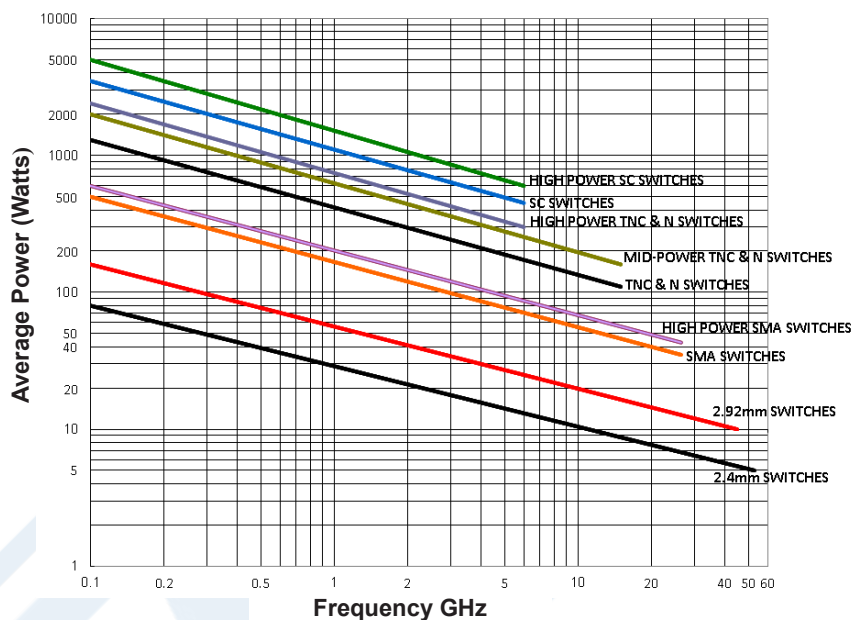


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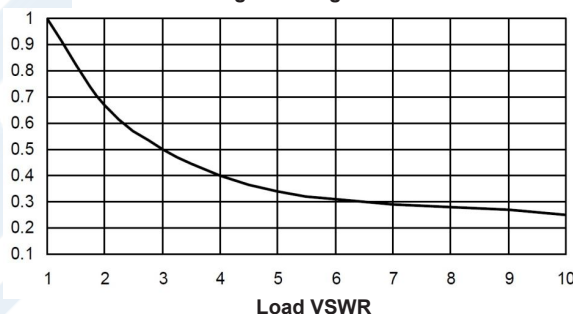
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Power Handling vs. Frequency



Power Handling De-rating vs. Load VSWR



Power Handling Chart and Derating Curves based on the following Test and Environmental Conditions:
Ambient temperature: 20-25°C
Altitude: Sea Level to 1,000 feet
Relative Humidity: 50-55%
Load VSWR: ≤ 1.20:1
Operation: Cold Switching

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Transfer Electromechanical Relay Latching Switch DC to 40 GHz, 2M Lifecycles, 2.92mm, 5 Watts, 28V, Self Cut Off, Diodes, Solder Pins from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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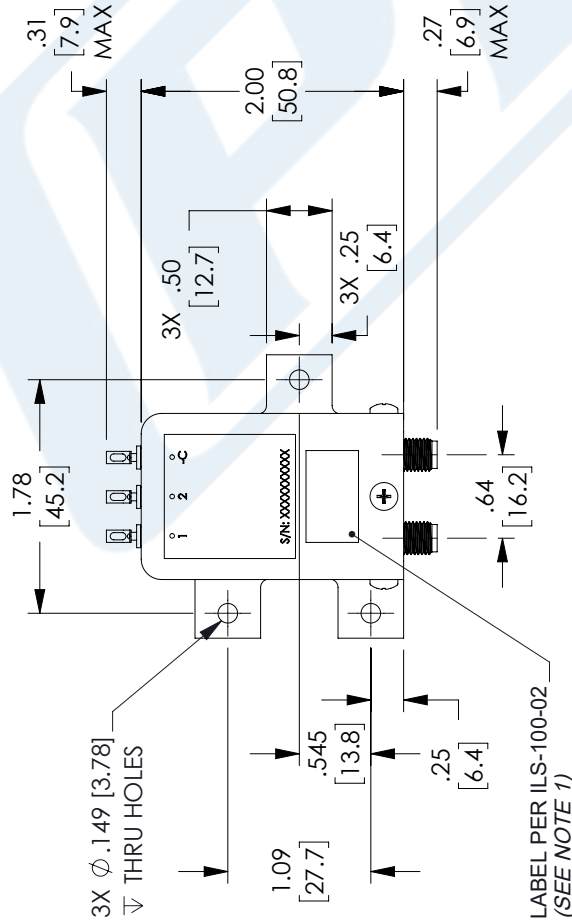
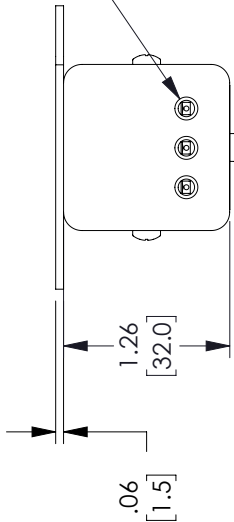
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PE71S6483 CAD Drawing

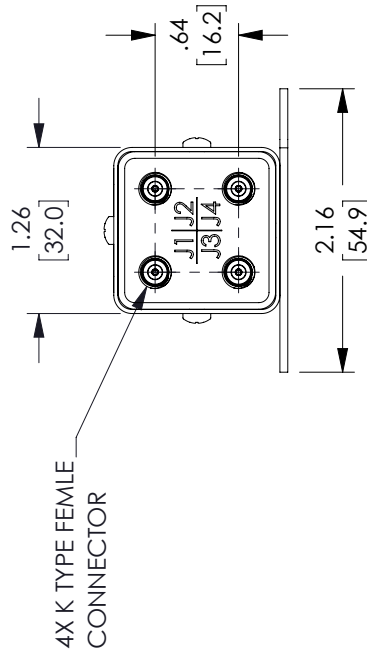
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/17/2022	T. GALLA

3X SOLDER TERMINALS,
SOLDER WIRE USING SN96,
MAXIMUM TEMP 250 °C FOR
NO MORE THAN 5 SEC.



LABEL PER ILS-100-02
(SEE NOTE 1)



4X K TYPE FEMALE
CONNECTOR

NOTES:

1. LABEL PER ILS-100-02. FOR INTERNAL REFERENCE ONLY.
LABEL LOCATION FOR REFERENCE ONLY.

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TOLERANCES:

.X = ± .2 [5.08] FRACTIONS
.XX = ± .02 [.51] ± 1/32
.XXX = ± .005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = ± 1 [25] / -0
12 [305] < L ≤ 60 [1524] = ± 2 [51] / -0
60 [1524] < L ≤ 120 [3048] = ± 4 [102] / -0
120 [3048] < L ≤ 300 [7620] = ± 6 [152] / -0
300 [7620] < L = ± 5% L / -0

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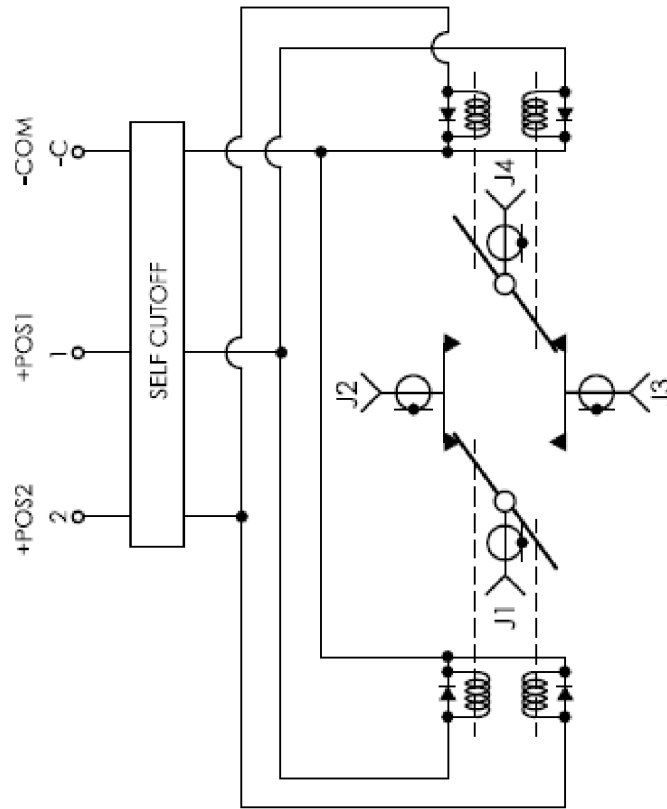
SHEET 1 OF 2

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	KGLEBOVA	PE71S6483	A

PE71S6483 CAD Drawing

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THIRD-ANGLE PROJECTION

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SHEET 2 OF 2
SCALE N/A