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| Document | Document Number | Revision | Date |
| Spec Sheet | FCM075270A01 | A | 15-Jan-2019 |

5 Channel Multiplexer

P/N : FCM075270A01

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| Revision | Description | Date |
|----------|-----------------|-------------|
| A | Initial Release | 15-Jan-2019 |
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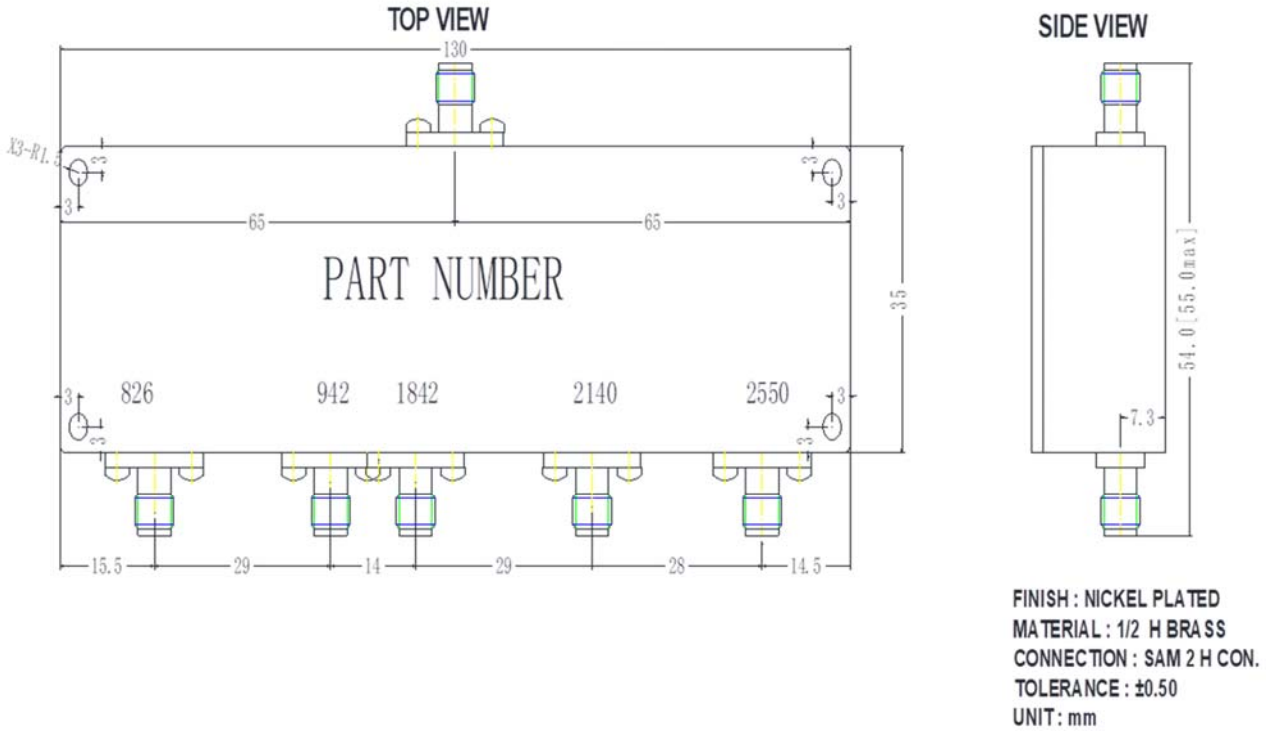
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1. Electrical Specifications

| Parameter | Specification | | | | |
|------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | CH1 | CH2 | CH3 | CH4 | CH5 |
| ITEM | CH1 | CH2 | CH3 | CH4 | CH5 |
| Center Frequency | 826 MHz | 942.5 MHz | 1842.5 MHz | 2140 MHz | 2550 MHz |
| Pass Band | 801~851 MHz | 925~960 MHz | 1805~1880 MHz | 2110~2170 MHz | 2400~2700 MHz |
| Insertion Loss | 3.0dB max. | 3.0dB max. | 2.5dB max. | 2.5dB max. | 2.5dB max. |
| Ripple | 1.5dB max. | 1.5dB max. | 1.0dB max. | 1.0dB max. | 1.0dB max. |
| Return Loss | 10.0dB min | 10.0dB min | 14.0dB min | 14.0dB min | 12.0dB min |
| Attenuation | 30.0dB min @925MHz ~ 960MHz | 30.0dB min @758MHz ~ 894MHz | 45.0dB min @2110MHz~2170MHz | 45.0dB min @1805MHz~1880MHz | 40.0dB min @2110MHz~2170MHz |
| | 40.0dB min @1805MHz~1880MHz | 40.0dB min @1805MHz~1880MHz | 45.0dB min @758MHz~894MHz | 45.0dB min @758MHz~894MHz | 45.0dB min @758MHz~894MHz |
| | 40.0dB min @2110MHz ~2170MHz | 40.0dB min @2110MHz ~2170MHz | 45.0dB min @925MHz ~960MHz | 45.0dB min @925MHz ~960MHz | 45.0dB min @925MHz ~960MHz |
| | 40.0dB min @2400MHz ~2700MHz | 40.0dB min @2400MHz ~2700MHz | 40.0dB min @2400MHz ~2700MHz | 40.0dB min @2400MHz ~2700MHz | 45.0dB min @1805MHz ~1880MHz |
| Temperature | -40°C - +85°C | | | | |
| Input Output Impedance | 50Ω | | | | |
| Power Handling | 10W CW | | | | |

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2.Mechanical Specification



| Parameter | Specification | Proposal |
|--------------------|------------------------------------|----------|
| Dimension | 130.0x 35.0 x 22.0 Max (Unit : mm) | OK |
| RF Connector | IN-SMA Type, OUT- SMA TYPE | OK |
| Connector Position | See Outline Drawing | OK |