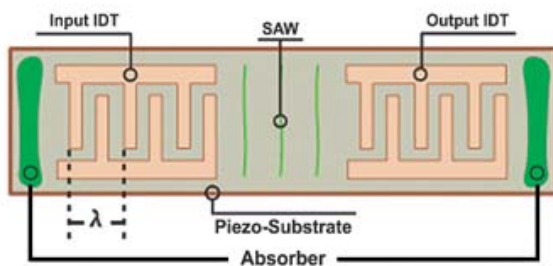


SAW Filter



Feature



IDT : Interdigital Transducer V_o : SAW Velocity of free surface
 λ : Wavelength(= v_o/f_o) f_o : Center Frequency

Application

- Mobile Communication
- Handsets, Repeater, Base Station
- Wireless Data Communication
- WLL, GPS Receiver, Bluetooth
- WLAN, Digital TV
- Keyless Entry, DAB/DARS, Digital Radio
- Wire Data Communication
- SONET/SDH, Cable Modem, Optical Transmission Modules



IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R361802SC4 | 36.125 | 8.0 | 9.44 | 15.5 | 0.50 | 1.33 | 35 | 1660 DIP |
| R381151SS | 38.912 | 1.52 | 2.85 | 23.2 | - | - | 40 | 1150 SMD |
| R381151ST | 38.912 | 1.52 | 2.85 | 23.2 | - | - | 40 | 9048 SMD |
| R431622SC4 | 43.75 | 6.24 | 7.63 | 13.0 | 0.60 | 1.38 | 40 | 1660 DIP |
| R431582SC4 | 43.75 | 5.8 | 7.50 | 23.5 | 0.80 | - | 40 | 1660 DIP |
| R441622SC4 | 44.00 | 6.24 | 7.63 | 13.0 | 0.60 | 1.45 | 40 | 1660 DIP |
| R531452CA | 53.00 | 4.50 | 6.80 | 24.00 | 0.80 | 2.10 | 50 | 2012 DIP |
| R5921102CD | 59.30 | 11.00 | 12.55 | 26.00 | 1.00 | 2.90 | 50 | 3512 DIP |
| R601152SA | 60.00 | 1.50 | 2.35 | 19.5 | 0.50 | - | 45 | 2012 DIP |
| R601402CA | 60.00 | 4.00 | 6.70 | - | 1.00 | 1.80 | 50 | 2012 DIP |
| R601692CA | 60.00 | 6.90 | 8.50 | 24.00 | 0.80 | 2.40 | 50 | 2012 DIP |
| R601942CA | 60.00 | 9.40 | 11.00 | 26.00 | 1.00 | 2.50 | 50 | 2012 DIP |
| R601942CD | 60.00 | 9.40 | 10.85 | 26.50 | 1.00 | 3.00 | 50 | 3512 DIP |
| R6021192CA | 60.00 | 11.95 | 13.60 | 25.00 | 1.00 | 2.20 | 50 | 2012 DIP |
| R6222031SR | 62.50 | 20.35 | 22.50 | 20.5 | 0.65 | 1.10 | 12 | 1365 SMD |
| R6222042CA | 62.50 | 20.45 | - | 28.50 | 1.00 | 2.08 | 50 | 2012 DIP |
| R621402SD | 62.60 | 4.00 | 5.00 | - | 1.00 | 4.50 | 50 | 3512 DIP |
| R630042SA | 63.00 | 0.436 | 1.50 | 14.2 | 1.00 | - | 65 | 2012 DIP |
| R6321942CC | 63.00 | 19.40 | 21.30 | - | 1.00 | 2.20 | 50 | 2712 DIP |
| R631382CD | 63.30 | 3.80 | 5.10 | 22.00 | 1.00 | 3.00 | 50 | 3512 DIP |
| R6521962SD | 65.00 | 19.60 | 20.80 | 24.5 | 0.60 | 2.87 | 55 | 3512 DIP |
| R651382CA | 65.00 | 3.80 | 6.00 | - | 1.00 | 2.30 | 50 | 2012 DIP |
| R651402CD | 65.00 | 4.00 | 5.20 | - | 1.00 | 3.60 | 50 | 3512 DIP |
| R6521942CE | 65.00 | 19.40 | 20.80 | 27.00 | 1.00 | 3.00 | 50 | 3825 DIP |
| R6521941CR | 65.00 | 19.40 | 22.50 | 26.00 | 1.00 | 1.30 | 40 | 1365 SMD |
| R6521942CA | 65.00 | 19.40 | 21.50 | 25.00 | 1.00 | 2.30 | 50 | 2012 DIP |
| R6521942CC | 65.00 | 19.40 | 21.30 | - | 1.00 | 2.50 | 50 | 2712 DIP |
| R681692CD | 68.75 | 6.90 | 8.00 | 23.00 | 1.00 | 3.40 | 50 | 3512 DIP |
| R681692CC | 68.75 | 6.90 | 8.30 | - | 0.80 | 2.80 | 50 | 2712 DIP |
| R6821182CA | 68.75 | 11.80 | 13.50 | - | 1.00 | 2.20 | 50 | 2012 DIP |
| R6821192CE | 68.75 | 11.90 | 13.10 | - | 1.00 | 3.40 | 50 | 3825 DIP |
| R6821191CR | 68.75 | 11.90 | 14.50 | - | 1.00 | 1.50 | 45 | 1365 SMD |
| R701022CD | 70.00 | 0.20 | 0.80 | - | 1.00 | 4.30 | 50 | 3512 DIP |
| R701022CD | 70.00 | 0.20 | 0.80 | 18.50 | 0.70 | 4.00 | 50 | 3512 DIP |
| R701032SD | 70.00 | 0.30 | 0.90 | 17.5 | 1.20 | 3.7 | 50 | 3512 DIP |
| R701031SE | 70.00 | 0.34 | 1.10 | 13.5 | 1.20 | 2.63 | 50 | 3825 DIP |
| R701051SQ | 70.00 | 0.59 | 1.39 | 13.7 | 0.80 | 2.5 | 50 | 1965 SMD |
| R701122SA | 70.00 | 1.20 | 1.95 | 23.0 | 0.40 | 2.6 | 45 | 2012 DIP |
| R701122SA | 70.00 | 1.27 | 2.11 | 22.0 | 0.35 | 2.54 | 50 | 2012 DIP |
| R701131SQ | 70.00 | 1.30 | 2.05 | 18.2 | 0.50 | 2.04 | 45 | 1965 SMD |
| R7041182SD | 70.00 | - | 1.8 | 20.0 | 0.70 | 3.45 | 45 | 3512 DIP |
| R7041231SQ | 70.00 | - | 2.36 | 20.0 | 0.80 | 2.6 | 50 | 1965 SMD |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R701172SD | 70.00 | 1.70 | 2.40 | 23.5 | 0.30 | 3.7 | 50 | 3512 DIP |
| R701172SC | 70.00 | 1.71 | 2.45 | 21.6 | 0.37 | 3 | 55 | 2712 DIP |
| R701351SR | 70.00 | 3.55 | 6.18 | 7.7 | 0.65 | - | - | 1365 SMD |
| R701441SR | 70.00 | 4.45 | 7.18 | 8.5 | 0.80 | - | - | 1365 SMD |
| R701432SA | 70.00 | 4.30 | 5.60 | 22.5 | 0.50 | 2.06 | 50 | 2012 DIP |
| R701452SA | 70.00 | 4.50 | 5.40 | 21.5 | 0.50 | 2.44 | 50 | 2012 DIP |
| R701561SR | 70.00 | 5.6 | 8.5 | 8.5 | 0.60 | - | - | 1365 SMD |
| R701572SA | 70.00 | 5.70 | 6.60 | 22.0 | 1.00 | 2.38 | 50 | 2012 DIP |
| R70157SC4 | 70.00 | 5.76 | 7.95 | 9.0 | 0.60 | - | - | 1660 DIP |
| R701651SR | 70.00 | 6.5 | 9.5 | 8.2 | 0.70 | - | - | 1365 SMD |
| R701692SC | 70.00 | 6.90 | 8.20 | 23.5 | 0.60 | 2.865 | 50 | 2712 DIP |
| R701781SR | 70.00 | 7.8 | 11.0 | 8.6 | 0.65 | - | - | 1365 SMD |
| R701732SC | 70.00 | 7.30 | 8.58 | 20.0 | 1.00 | 2.95 | - | 2712 DIP |
| R701872SA | 70.00 | 8.70 | 10.20 | 20.0 | 0.70 | 2.55 | 50 | 2012 DIP |
| 701931SR | 70.00 | 9.3 | 11.70 | 10.8 | 0.70 | - | - | 1365 SMD |
| R701931SR | 70.00 | 9.30 | 10.70 | 23.0 | 0.90 | 1.59 | 40 | 1365 SMD |
| R701962SC4 | 70.00 | 9.60 | 11.58 | 10.5 | 0.60 | - | - | 1660 DIP |
| R701942SA | 70.00 | 9.45 | 10.75 | 20.5 | 0.60 | 2.330 | 55 | 2012 DIP |
| R701952SA | 70.00 | 9.50 | 10.82 | 20.5 | 0.60 | 2.330 | 55 | 2012 DIP |
| R701952SD | 70.00 | 9.52 | 10.28 | 28.5 | 0.65 | 4.40 | 55 | 3512 DIP |
| R701981SR | 70.00 | 9.80 | 11.70 | 23.0 | 0.80 | 1.59 | 40 | 1365 SMD |
| R7021052SA | 70.00 | 10.50 | 11.95 | 21.0 | 0.7 | 2.31 | 55 | 2012 DIP |
| R7021242SA | 70.00 | 12.40 | 14.00 | 23.0 | 0.80 | 2.28 | 50 | 2012 DIP |
| R7021641SR | 70.00 | 16.40 | 20.02 | 12.20 | 0.50 | - | - | 1365 SMD |
| R7021862SD | 70.00 | 18.65 | 19.50 | 25.5 | 0.60 | 4.43 | 55 | 3512 DIP |
| R7021902SD | 70.00 | 19.05 | 20.00 | 25.5 | 0.70 | 3.22 | 55 | 3512 DIP |
| R7022001SR | 70.00 | 20.05 | 24.08 | 15.5 | 0.50 | - | - | 1365 SMD |
| R7021952SA | 70.00 | 19.50 | 21.40 | 24.5 | 0.85 | 1.98 | 50 | 2012 DIP |
| R7021952SA | 70.00 | 19.57 | 21.43 | 24.5 | 0.85 | 1.98 | 50 | 2012 DIP |
| R7021962SA | 70.00 | 19.60 | 21.45 | 24.0 | 0.80 | - | 55 | 2012 DIP |
| R7022042SA | 70.00 | 20.40 | 21.70 | 22.8 | 0.70 | 2.34 | 50 | 2012 DIP |
| R7022052SD | 70.00 | 20.55 | 21.69 | 22.0 | 0.70 | 2.65 | 55 | 3512 DIP |
| R7022052SD | 70.00 | 20.55 | 21.81 | 23.5 | 0.6 | 2.83 | 60 | 3512 DIP |
| R7022562SA | 70.00 | 25.65 | 28.50 | 26.5 | 0.70 | 1.64 | 50 | 2012 DIP |
| R7022622SD | 70.00 | 26.25 | 28.45 | 24.2 | 0.7 | 1.876 | 55 | 3512 DIP |
| R701022CD | 70.00 | 0.25 | 1.00 | 23.50 | 1.00 | 3.70 | 50 | 3512 DIP |
| R701072CC | 70.00 | 0.75 | 1.80 | - | 0.50 | 3.50 | 50 | 2712 DIP |
| R701122CA | 70.00 | 1.20 | 2.50 | 22.50 | 0.80 | 2.50 | 50 | 2012 DIP |
| R701122CD | 70.00 | 1.20 | 2.20 | - | 0.70 | 3.50 | 50 | 3512 DIP |
| R701122CE | 70.00 | 1.20 | - | 24.00 | 0.80 | 4.90 | 50 | 3825 DIP |
| R701122CC | 70.00 | 1.25 | 2.15 | 25.00 | 0.80 | 3.20 | 50 | 2712 DIP |
| R701142CD | 70.00 | 1.40 | 2.30 | - | 0.80 | 4.00 | 50 | 3512 DIP |
| R701142CA | 70.00 | 1.40 | 3.00 | - | 1.00 | 2.30 | 45 | 2012 DIP |
| R701152CA | 70.00 | 1.50 | 3.00 | 22.50 | 1.00 | 2.60 | 50 | 2012 DIP |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R701152CC | 70.00 | 1.50 | 2.80 | 25.00 | 0.70 | 2.90 | 50 | 2712 DIP |
| R701152CC | 70.00 | 1.50 | 3.00 | 25.50 | 0.80 | 2.30 | 50 | 2712 DIP |
| R701172CD | 70.00 | 1.70 | 2.80 | 21.00 | 1.00 | 3.30 | 50 | 3512 DIP |
| R701182CD | 70.00 | 1.80 | 3.00 | - | 0.80 | 5.08 | 50 | 3512 DIP |
| R701202CA | 70.00 | 2.00 | 3.80 | 25.00 | 0.80 | 2.90 | 50 | 2012 DIP |
| R701222CD | 70.00 | 2.20 | - | 23.00 | 0.80 | 4.90 | 50 | 3512 DIP |
| R701272CD | 70.00 | 2.70 | 3.80 | 24.50 | 1.00 | 4.20 | 50 | 3512 DIP |
| R701302CA | 70.00 | 3.00 | 4.80 | 24.00 | 0.80 | 1.90 | 50 | 2012 DIP |
| R701302CD | 70.00 | 3.00 | 4.80 | 26.50 | 0.80 | 4.20 | 50 | 3512 DIP |
| R701322CD | 70.00 | 3.20 | 4.40 | - | 1.00 | 5.00 | 50 | 3512 DIP |
| R701352CA | 70.00 | 3.50 | 5.60 | 25.00 | 0.80 | 2.70 | 50 | 2012 DIP |
| R701362CD | 70.00 | 3.60 | - | 24.50 | 0.80 | 5.00 | 50 | 3512 DIP |
| R701382CA | 70.00 | 3.80 | 5.30 | 25.00 | 0.80 | 2.00 | 50 | 2012 DIP |
| R701402CA | 70.00 | 4.00 | 6.00 | 20.00 | 1.00 | 2.50 | 50 | 2012 DIP |
| R701402CA | 70.00 | 4.00 | 6.00 | 23.00 | 0.80 | 1.80 | 50 | 2012 DIP |
| R701402CA | 70.00 | 4.00 | 7.20 | 17.00 | 1.00 | 1.40 | 50 | 2012 DIP |
| R701402CD | 70.00 | 4.00 | 5.20 | - | 1.00 | 4.00 | 50 | 3512 DIP |
| R701402CD | 70.00 | 4.00 | 5.00 | - | 1.00 | 5.30 | 50 | 3512 DIP |
| R701412CD | 70.00 | 4.15 | - | - | 1.00 | 3.70 | 50 | 3512 DIP |
| R701422CA | 70.00 | 4.20 | 6.00 | 25.00 | 1.00 | 2.10 | 50 | 2012 DIP |
| R701432CD | 70.00 | 4.30 | 5.50 | - | 1.00 | 4.00 | 50 | 3512 DIP |
| R701442CD | 70.00 | 4.40 | 5.60 | - | 1.00 | 4.00 | 50 | 3512 DIP |
| R701452CD | 70.00 | 4.50 | 5.80 | 22.50 | 1.00 | 3.82 | 50 | 3512 DIP |
| R701482CD | 70.00 | 4.80 | 6.10 | 21.50 | 0.80 | 2.90 | 50 | 3512 DIP |
| R701502CA | 70.00 | 5.00 | 7.30 | 21.50 | 0.80 | 2.10 | 50 | 2012 DIP |
| R701502CD | 70.00 | 5.00 | - | 21.00 | 1.00 | 4.60 | 50 | 3512 DIP |
| R701552CD | 70.00 | 5.50 | - | 23.00 | 1.00 | 2.89 | 50 | 3512 DIP |
| R701562CC | 70.00 | 5.60 | 7.20 | 21.50 | 0.80 | 2.60 | 50 | 2712 DIP |
| R701602CA | 70.00 | 6.00 | 8.00 | 23.00 | 0.80 | 2.30 | 50 | 2012 DIP |
| R701642CA | 70.00 | 6.40 | 8.30 | - | 0.80 | 2.30 | 50 | 2012 DIP |
| R701652CC | 70.00 | 6.50 | 8.90 | 22.00 | 0.80 | 2.20 | 50 | 2712 DIP |
| R701652CD | 70.00 | 6.50 | 9.60 | - | 1.00 | 4.00 | 50 | 3512 DIP |
| R701672CD | 70.00 | 6.70 | - | 24.50 | 1.00 | 4.00 | 50 | 3512 DIP |
| R701692CA | 70.00 | 6.90 | 8.50 | 24.00 | 0.80 | 2.50 | 50 | 2012 DIP |
| R701702CA | 70.00 | 7.00 | 9.70 | 22.50 | 1.00 | 1.90 | 50 | 2012 DIP |
| R701722CA | 70.00 | 7.20 | 9.50 | 21.50 | 1.00 | 1.80 | 50 | 2012 DIP |
| R701732CD | 70.00 | 7.30 | 8.70 | 22.50 | 1.00 | 3.30 | 50 | 3512 DIP |
| R701752CD | 70.00 | 7.50 | 8.50 | 27.00 | 1.00 | 4.20 | 50 | 3512 DIP |
| R701752CE | 70.00 | 7.50 | 8.50 | - | 1.00 | 4.40 | 50 | 3825 DIP |
| R701802CA | 70.00 | 8.00 | 10.60 | 24.00 | 0.80 | 1.60 | 50 | 2012 DIP |
| R701842CC | 70.00 | 8.40 | 10.10 | - | 1.00 | 2.40 | 50 | 2712 DIP |
| R701852CA | 70.00 | 8.50 | 10.70 | 25.50 | 0.80 | 2.10 | 50 | 2012 DIP |
| R701902CA | 70.00 | 9.00 | 11.00 | 24.50 | 1.00 | 2.40 | 50 | 2012 DIP |
| R701902CD | 70.00 | 9.00 | 10.00 | 25.50 | 1.00 | 4.00 | 50 | 3512 DIP |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R701942CA | 70.00 | 9.40 | 11.00 | 22.00 | 1.00 | 2.30 | 50 | 2012 DIP |
| R701942CD | 70.00 | 9.40 | 10.35 | 27.50 | 1.00 | 4.30 | 50 | 3512 DIP |
| R701942CD | 70.00 | 9.40 | 10.50 | 26.50 | 1.00 | 3.70 | 50 | 3512 DIP |
| R701952CE | 70.00 | 9.50 | 10.55 | 25.00 | 1.00 | 3.80 | 50 | 3825 DIP |
| R701962CA | 70.00 | 9.60 | 11.40 | 22.50 | 1.00 | 2.30 | 50 | 2012 DIP |
| R701962CD | 70.00 | 9.60 | 11.00 | 24.50 | 1.00 | 2.90 | 50 | 3512 DIP |
| R701961CR | 70.00 | 9.60 | 12.60 | - | 1.00 | 1.50 | 45 | 1365 SMD |
| R7021002CD | 70.00 | 10.00 | - | 25.00 | 1.00 | 3.10 | 50 | 3512 DIP |
| R7021002CD | 70.00 | 10.00 | 10.80 | 27.50 | 1.00 | 4.00 | 50 | 3512 DIP |
| R7021002CA | 70.00 | 10.00 | 12.80 | 24.00 | 0.80 | 1.60 | 50 | 2012 DIP |
| R7021022CD | 70.00 | 10.20 | 11.10 | 26.00 | 1.00 | 3.80 | 50 | 3512 DIP |
| R7021052CD | 70.00 | 10.50 | 11.80 | 26.00 | 1.00 | 3.50 | 50 | 3512 DIP |
| R7021052CA | 70.00 | 10.50 | 12.10 | 24.50 | 0.80 | 2.30 | 50 | 2012 DIP |
| R7021052CD | 70.00 | 10.50 | - | 26.00 | 1.00 | 3.90 | 50 | 3512 DIP |
| R7021082CA | 70.00 | 10.80 | 12.60 | - | 0.80 | 2.20 | 50 | 2012 DIP |
| R7021102CA | 70.00 | 11.00 | 12.80 | 25.00 | 1.00 | 2.30 | 50 | 2012 DIP |
| R7021102CA | 70.00 | 11.00 | 13.20 | 25.00 | 1.00 | 2.10 | 50 | 2012 DIP |
| R7021102CD | 70.00 | 11.00 | - | - | 1.00 | 3.75 | 50 | 3512 DIP |
| R7021122CE | 70.00 | 11.20 | 12.10 | 26.00 | 1.00 | 4.20 | 50 | 3825 DIP |
| R7021132CD | 70.00 | 11.30 | 12.55 | 25.50 | 1.00 | 3.30 | 50 | 3512 DIP |
| R7021142CA | 70.00 | 11.40 | 13.70 | 24.00 | 1.00 | 2.00 | 50 | 2012 DIP |
| R7021192CA | 70.00 | 11.95 | 13.60 | 25.00 | 0.80 | 2.40 | 50 | 2012 DIP |
| R7021282CC | 70.00 | 12.80 | 14.50 | - | 0.80 | 2.60 | 50 | 2712 DIP |
| R7021302CA | 70.00 | 13.00 | 14.90 | 25.00 | 1.00 | 2.18 | 50 | 2012 DIP |
| R7021452CD | 70.00 | 14.50 | 15.90 | 28.00 | 1.00 | 2.80 | 50 | 3512 DIP |
| R7021452CA | 70.00 | 14.50 | 16.20 | - | 1.00 | 2.20 | 50 | 2012 DIP |
| R7021532CD | 70.00 | 15.30 | 17.20 | - | 1.00 | 2.30 | 50 | 3512 DIP |
| R7021842CC | 70.00 | 18.40 | 20.60 | - | 1.00 | 1.80 | 50 | 2712 DIP |
| R7021902CD | 70.00 | 19.00 | 20.80 | 28.00 | 1.00 | 2.60 | 50 | 3512 DIP |
| R7021902CD | 70.00 | 19.00 | - | 25.50 | 1.00 | 3.40 | 50 | 3512 DIP |
| R7021942CE | 70.00 | 19.40 | 20.80 | 27.00 | 1.00 | 3.00 | 50 | 3825 DIP |
| R7021952CA | 70.00 | 19.50 | 21.70 | 33.00 | 1.00 | 2.20 | 50 | 2012 DIP |
| R7021952CA | 70.00 | 19.50 | 22.30 | - | 1.00 | 2.00 | 50 | 2012 DIP |
| R7021952CA | 70.00 | 19.50 | 21.30 | 26.50 | 1.00 | 2.20 | 50 | 2012 DIP |
| R7021961CR | 70.00 | 19.60 | 22.10 | 26.00 | 1.00 | 1.50 | 50 | 1365 SMD |
| R7022002CA | 70.00 | 20.02 | 22.30 | 27.50 | 1.00 | 2.20 | 50 | 2012 DIP |
| R7022062CD | 70.00 | 20.60 | 22.00 | - | 1.00 | 2.70 | 50 | 3512 DIP |
| R7022452CA | 70.00 | 24.50 | 28.50 | 27.00 | 0.80 | 1.20 | 50 | 2012 DIP |
| R7022482CD | 70.00 | 24.80 | - | 30.00 | 1.00 | 2.60 | 50 | 3512 DIP |
| R7022582CA | 70.00 | 25.80 | 29.50 | 27.00 | 1.00 | 1.60 | 50 | 2012 DIP |
| R7022652CA | 70.00 | 26.50 | 29.50 | 28.00 | 1.00 | 1.45 | 50 | 2012 DIP |
| R711021SR | 71.00 | 0.24 | - | 6.0 | - | - | 40 | 1365 SMD |
| R711692CE | 71.25 | 6.90 | 8.20 | - | 1.00 | 3.50 | 50 | 3825 DIP |
| R711692CA | 71.25 | 6.90 | 8.50 | - | 1.00 | 2.30 | 50 | 2012 DIP |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R7121182CA | 71.25 | 11.80 | 13.50 | - | 1.00 | 2.20 | 50 | 2012 DIP |
| R7121192CD | 71.25 | 11.90 | 13.00 | 25.50 | 1.00 | 3.20 | 50 | 3512 DIP |
| R7121192CA | 71.25 | 11.90 | 13.50 | - | 1.00 | 2.20 | 50 | 2012 DIP |
| R7121192CC | 71.25 | 11.90 | 13.30 | - | 0.80 | 2.50 | 50 | 2712 DIP |
| R7121191CR | 71.25 | 11.90 | 14.50 | - | 1.00 | 1.50 | 45 | 1365 SMD |
| R721402CD | 72.40 | 4.00 | 5.00 | - | 1.00 | 4.10 | 50 | 3512 DIP |
| R721122SA | 72.50 | 1.20 | 1.95 | 23.0 | 0.40 | 2.6 | 50 | 2012 DIP |
| R751122SA | 75.00 | 1.20 | 1.95 | 23.0 | 0.40 | 2.6 | 50 | 2012 DIP |
| R7521921SR | 75.00 | 19.25 | 21.15 | 23.5 | 0.70 | 1.10 | 42 | 1365 SMD |
| R7522001SR | 75.00 | 20.00 | 22.00 | 23.0 | 0.70 | 1.10 | 42 | 1365 SMD |
| R7521952SD | 75.00 | 19.54 | 20.70 | 23.5 | 0.70 | - | 55 | 3512 DIP |
| R7521942SD | 75.00 | 19.40 | 20.62 | 24.3 | 0.70 | - | 50 | 3512 DIP |
| R7521912SD | 75.00 | 19.17 | 20.36 | 24.5 | 0.70 | 2.87 | 55 | 3512 DIP |
| R751611SR | 75.00 | 6.10 | 8.60 | 17.0 | 0.35 | - | 45 | 1365 SMD |
| R7521942CE | 75.00 | 19.40 | 20.80 | 27.00 | 1.00 | 3.00 | 50 | 3825 DIP |
| R7521941CR | 75.00 | 19.40 | 22.50 | 25.00 | 1.00 | 1.30 | 40 | 1365 SMD |
| R7521942CA | 75.00 | 19.40 | 21.50 | 25.00 | 1.00 | 2.30 | 50 | 2012 DIP |
| R7521942CA | 75.00 | 19.40 | 21.30 | - | 1.00 | 2.50 | 50 | 2012 DIP |
| R7521952CA | 75.00 | 19.50 | 25.50 | 25.50 | 1.00 | 1.30 | 50 | 2012 DIP |
| R7522002CA | 75.00 | 20.00 | 24.00 | 25.50 | 1.00 | 1.40 | 50 | 2012 DIP |
| R7522022CA | 75.00 | 20.20 | 23.10 | - | 1.00 | 2.10 | 50 | 2012 DIP |
| R7524062CA | 75.00 | 40.60 | 44.20 | 32.50 | 1.00 | 1.50 | 45 | 2012 DIP |
| R751482CA | 75.50 | 4.80 | 7.70 | 19.00 | 1.00 | 1.50 | 50 | 2012 DIP |
| R771042CD | 77.50 | 0.45 | 1.00 | 23.00 | 0.70 | 4.70 | 50 | 3512 DIP |
| R781602SA | 78.60 | 6.00 | 7.87 | 18.1 | 0.70 | 2.10 | 50 | 2012 DIP |
| R7821192CD | 78.75 | 11.90 | 13.00 | 25.50 | 1.00 | 3.20 | 50 | 3512 DIP |
| R7821192CC | 78.75 | 11.90 | 13.30 | - | 0.80 | 2.50 | 50 | 2712 DIP |
| R791402CD | 79.80 | 4.00 | 5.00 | - | 1.00 | 5.00 | 50 | 3512 DIP |
| R8022532SD | 80.00 | 25.35 | 26.90 | 25.0 | 0.7 | 2.44 | 55 | 3512 DIP |
| R801692CA | 80.00 | 6.90 | 8.60 | 22.00 | 0.80 | 2.40 | 50 | 2012 DIP |
| R801882CA | 80.00 | 8.80 | 10.60 | 24.50 | 1.00 | 2.30 | 50 | 2012 DIP |
| R801942CA | 80.00 | 9.40 | 11.00 | 25.00 | 1.00 | 2.20 | 50 | 2012 DIP |
| R801942CD | 80.00 | 9.40 | 10.45 | 26.50 | 1.00 | 3.50 | 50 | 3512 DIP |
| R8021192CA | 80.00 | 11.95 | 13.60 | 25.00 | 0.80 | 2.30 | 50 | 2012 DIP |
| R8021232CD | 80.00 | 12.30 | 13.70 | 23.50 | 1.00 | 2.80 | 50 | 3512 DIP |
| R8021942CA | 80.00 | 19.40 | 21.20 | - | 1.00 | 2.20 | 50 | 2012 DIP |
| R8022022CA | 80.00 | 20.20 | 22.60 | - | 1.00 | 2.50 | 50 | 2012 DIP |
| R8021122CA | 80.70 | 11.22 | 12.80 | 25.2 | 0.80 | - | 50 | 2012 DIP |
| R8021102CD | 80.80 | 11.00 | 12.65 | 25.00 | 1.00 | 2.50 | 50 | 3512 DIP |
| R811692CD | 81.25 | 6.90 | 8.20 | - | 0.80 | 2.60 | 50 | 3512 DIP |
| R811692CD | 81.25 | 6.95 | 8.00 | 23.00 | 1.00 | 3.30 | 50 | 3512 DIP |
| R851182CA | 85.20 | 1.80 | 3.50 | 24.50 | 0.80 | 3.50 | 50 | 2012 DIP |
| R851202CC | 85.20 | 2.00 | 4.00 | - | 0.80 | 3.10 | 50 | 2712 DIP |
| R851131CT | 85.38 | 1.34 | 1.73 | 10.2 | 0.8 | - | - | 9050 SMD |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R891182CD | 89.80 | 1.80 | 3.20 | - | 0.80 | 4.10 | 50 | 3512 DIP |
| R9021192CD | 90.00 | 11.90 | 3.30 | - | 1.00 | 2.50 | 50 | 3512 DIP |
| R981352CA | 95.00 | 3.50 | 5.50 | 31.50 | 0.80 | 2.00 | 45 | 2012 DIP |
| R951352CD | 95.00 | 3.50 | 5.50 | 30.50 | 0.80 | 3.40 | 50 | 3512 DIP |
| R951502CD | 95.00 | 5.00 | 6.50 | 23.50 | 1.00 | 3.40 | 50 | 3512 DIP |
| R9521952CA | 95.00 | 19.50 | 22.00 | 32.00 | 1.00 | 2.10 | 50 | 2012 DIP |
| R1001051CQ | 100.00 | 0.550 | 1.38 | 13.7 | 0.80 | 2.4 | 50 | 1965 SMD |
| R10021922SD | 100.00 | 19.230 | 20.30 | 24.5 | 0.85 | 2.67 | 55 | 3512 DIP |
| R10021902SD | 100.00 | 19.05 | 20.15 | 24.5 | 0.85 | 2.70 | 55 | 3512 DIP |
| R1001591CR | 100.00 | 5.90 | 8.00 | 17.00 | 1.00 | 1.60 | 45 | 1365 SMD |
| R10021952CA | 100.00 | 19.50 | 21.60 | 29.50 | 1.00 | 2.00 | 50 | 2012 DIP |
| R1101081CU | 110.59 | 0.80 | - | 10.50 | 1.00 | 0.90 | 35 | 7050 SMD |
| R1141202CA | 114.99 | 2.05 | 3.44 | 20.0 | 0.30 | 1.9 | 55 | 2012 DIP |
| R11522652SD | 115.00 | 26.25 | 28.60 | 23.1 | 0.70 | 1.573 | 55 | 3512 DIP |
| R1151152CC | 115.00 | 1.50 | 2.80 | 23.00 | 0.60 | 2.70 | 50 | 2712 DIP |
| R1151531CR | 115.00 | 5.30 | 8.30 | 24.00 | 1.00 | 1.80 | 50 | 1365 SMD |
| R1151702CA | 115.00 | 7.00 | 8.80 | 24.00 | 0.80 | 2.30 | 50 | 2012 DIP |
| R1151752CA | 115.00 | 7.50 | 10.00 | - | 1.00 | 1.7 | 50 | 2012 DIP |
| R1151942CA | 115.00 | 9.40 | 10.90 | 23.00 | 1.00 | 2.45 | 50 | 2012 DIP |
| R1151942CD | 115.00 | 9.40 | 10.90 | 25.00 | 1.00 | 2.70 | 50 | 3512 DIP |
| R1151942CA | 115.00 | 9.40 | 11.00 | 23.50 | 1.00 | 2.40 | 50 | 2012 DIP |
| R11521042CD | 115.00 | 10.40 | 11.80 | - | 1.00 | 2.80 | 50 | 3512 DIP |
| R11521052CA | 115.00 | 10.50 | 12.10 | 25.00 | 1.00 | 2.30 | 50 | 2012 DIP |
| R11521082CA | 115.00 | 10.80 | 12.50 | - | 0.80 | 2.20 | 50 | 2012 DIP |
| R13022002CA | 130.00 | 20.00 | 22.70 | 24.50 | 1.00 | 1.70 | 50 | 2012 DIP |
| R1371402CD | 137.40 | 4.00 | 5.00 | - | 1.50 | 5.00 | 45 | 3512 DIP |
| R1151432C4 | 115.24 | 4.3 | 4.5 | 21.0 | 0.7 | 1.68 | 45 | 1660 DIP |
| R1201162SC | 120.00 | 1.60 | 1.74 | 18.5 | 0.60 | 3.45 | 55 | 2712 DIP |
| R12921132SA | 129.30 | 11.35 | 13.30 | 22.0 | 0.75 | 1.98 | 50 | 2012 DIP |
| R1331392SA | 133.00 | 3.90 | 5.40 | 22.5 | 0.40 | - | 45 | 2012 DIP |
| R1401032SC | 140.00 | 0.31 | 0.84 | 21.0 | - | 3.616 | 50 | 2712 DIP |
| R1401762SA | 140.00 | 7.60 | 9.50 | 22.5 | 0.40 | 2.84 | 55 | 2012 DIP |
| R1401991SR | 140.00 | 9.90 | 13.5 | 10.5 | 0.7 | - | - | 1365 SMD |
| R1401981SR | 140.00 | 9.80 | 12.00 | 21.0 | 0.80 | - | 45 | 1365 SMD |
| R14021222SA | 140.00 | 12.24 | 14.56 | 22.3 | 0.70 | 1.62 | 55 | 2012 DIP |
| R14021881SR | 140.00 | 18.85 | 20.95 | 21.5 | 0.75 | 1.56 | 50 | 1365 SMD |
| R14022552SA | 140.00 | 25.50 | 28.60 | 21.5 | 0.70 | 1.20 | 50 | 2012 DIP |
| R14023542SA | 140.00 | 35.40 | 40.40 | 22.2 | 0.65 | 0.96 | 60 | 2012 DIP |
| R1401082CD | 140.00 | 0.18 | 0.80 | 19.00 | 0.50 | 4.90 | 50 | 3512 DIP |
| R1401022CD | 140.00 | 0.25 | 0.95 | 18.00 | 0.30 | 2.90 | 50 | 3512 DIP |
| R1401092CD | 140.00 | 0.95 | 1.70 | 20.50 | 0.80 | 4.30 | 50 | 3512 DIP |
| R1401152CC | 140.00 | 1.50 | 2.70 | 25.00 | 0.70 | 2.74 | 50 | 2712 DIP |
| R1401232CA | 140.00 | 2.30 | 4.20 | 26.00 | 0.80 | 1.90 | 50 | 2012 DIP |
| R1401302CA | 140.00 | 3.00 | 4.80 | 27.00 | 0.70 | 2.50 | 50 | 2012 DIP |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R1401502CA | 140.00 | 5.00 | 7.00 | 25.50 | 1.00 | 2.60 | 50 | 2012 DIP |
| R1401602CA | 140.00 | 6.00 | 7.80 | - | 1.00 | 2.60 | 50 | 2012 DIP |
| R1401622CA | 140.00 | 6.20 | 8.30 | 25.50 | 1.00 | 3.30 | 50 | 2012 DIP |
| R1401702CA | 140.00 | 7.00 | 9.30 | 24.50 | 1.00 | 3.00 | 50 | 2012 DIP |
| R1401802CA | 140.00 | 8.00 | 10.40 | 22.00 | 1.00 | 1.80 | 50 | 2012 DIP |
| R1401902CA | 140.00 | 9.00 | 11.70 | - | 0.70 | 1.70 | 500 | 2012 DIP |
| R14021002CA | 140.00 | 10.00 | 12.50 | 24.00 | 0.80 | 1.80 | 50 | 2012 DIP |
| R14021202CA | 140.00 | 12.00 | 15.00 | 25.00 | 1.00 | 1.80 | 50 | 2012 DIP |
| R14021402CA | 140.00 | 14.00 | 17.00 | 25.00 | 1.00 | 1.60 | 50 | 2012 DIP |
| R14021532CA | 140.00 | 15.30 | 17.20 | 25.50 | 1.00 | 2.10 | 50 | 2012 DIP |
| R14021602CA | 140.00 | 16.00 | 19.80 | 23.50 | 0.80 | 1.20 | 50 | 2012 DIP |
| R14021952CA | 140.00 | 19.50 | 22.00 | 25.00 | 1.00 | 1.60 | 50 | 2012 DIP |
| R14022002CA | 140.00 | 20.00 | 24.00 | 24.00 | 1.00 | 1.40 | 50 | 2012 DIP |
| R14022052CA | 140.00 | 20.50 | 22.90 | 26.00 | 0.80 | 1.60 | 50 | 2012 DIP |
| R14022402CA | 140.00 | 24.00 | 29.50 | 25.00 | 1.00 | 1.20 | 50 | 2012 DIP |
| R14022522CA | 140.00 | 25.20 | 30.30 | - | 0.80 | 0.90 | 50 | 2012 DIP |
| R14022802CA | 140.00 | 28.00 | 33.30 | 25.50 | 1.00 | 1.00 | 50 | 2012 DIP |
| R14023002CA | 140.00 | 30.00 | 36.00 | 26.00 | 0.80 | 0.90 | 50 | 2012 DIP |
| R14023222CA | 140.00 | 32.20 | 38.50 | - | 0.80 | 0.90 | 50 | 2012 DIP |
| R14023992CA | 140.00 | 39.95 | 47.00 | 25.00 | 1.00 | 1.10 | 50 | 2012 DIP |
| R14024402CA | 140.00 | 44.00 | 49.00 | 26.00 | 1.00 | 1.10 | 50 | 2012 DIP |
| R1461382CA | 146.90 | 3.80 | 5.70 | 23.5 | 0.40 | 1.33 | 45 | 2012 DIP |
| R1471402CD | 147.20 | 4.00 | 5.00 | - | 1.50 | 4.90 | 45 | 3512 DIP |
| R1501151SQ | 150.00 | 1.54 | 2.22 | 19.0 | 0.35 | 2.45 | 50 | 1965 SMD |
| R1501582CA | 150.00 | 5.80 | 9.00 | 25.50 | 0.80 | 1.90 | 50 | 2012 DIP |
| R1501942CA | 150.00 | 9.40 | 11.00 | 24.50 | 1.00 | 2.30 | 50 | 2012 DIP |
| R1501942CD | 150.00 | 9.40 | 10.80 | 23.50 | 1.00 | 2.80 | 50 | 3512 DIP |
| R15021602CA | 150.00 | 16.00 | 18.60 | 22.00 | 1.00 | 1.70 | 50 | 2012 DIP |
| R15021952CA | 150.00 | 19.50 | 21.40 | - | 1.00 | 2.10 | 50 | 2012 DIP |
| R1531231CQ | 153.00 | 2.30 | 3.30 | 19.0 | 0.45 | 2.2 | 45 | 1965 SMD |
| R1551492CA | 155.00 | 4.95 | 6.50 | 22.00 | 1.00 | 2.80 | 50 | 2012 DIP |
| R15521961CR | 155.00 | 19.60 | 22.00 | - | - | - | - | 1365 SMD |
| R15521942CA | 155.10 | 19.40 | 21.40 | 25.00 | 1.00 | 2.10 | 50 | 2012 DIP |
| R1601161SQ | 160.00 | 1.60 | 2.20 | 18.0 | 0.49 | 2.5 | 50 | 1965 SMD |
| R1601221SQ | 160.00 | 2.25 | 2.38 | 17.0 | 0.53 | 2.5 | 55 | 1965 SMD |
| R16022022SD | 160.00 | 20.27 | 21.55 | 23.0 | 0.95 | - | 55 | 3512 DIP |
| R1601402CD | 160.00 | 4.00 | 5.80 | 31.50 | 0.80 | 3.50 | 50 | 3512 DIP |
| R1601502CA | 160.00 | 5.00 | 6.60 | 25.00 | 1.00 | 2.80 | 50 | 2012 DIP |
| R1601531CR | 160.00 | 5.30 | 8.30 | 22.50 | 1.00 | 1.60 | 50 | 1365 SMD |
| R1601902CD | 160.00 | 9.00 | 10.70 | 25.50 | 1.00 | 2.80 | 50 | 3512 DIP |
| R1601932CD | 160.00 | 9.30 | 10.85 | 26.50 | 1.00 | 3.00 | 50 | 3512 DIP |
| R1601942CA | 160.00 | 9.40 | 11.00 | 25.00 | 1.00 | 2.90 | 50 | 2012 DIP |
| R1601942CA | 160.00 | 9.40 | 11.00 | 24.50 | 1.00 | 2.30 | 50 | 2012 DIP |
| R1601991CR | 160.00 | 9.90 | 12.50 | 23.50 | 1.00 | 1.80 | 45 | 1365 SMD |

IF SAW Bandpass Filter

Specification

| Part Number | Center Frequency (MHz)Typ. | -3dB BW(MHz) Min. | -40 dB BW(MHz) Max. | I.L Max. (dB) | Passband Ripple (dB)Max. | Absolute Delay (usec)Typ. | Ultimate Rejection (dB)Min. | Package |
|-------------|----------------------------|-------------------|---------------------|---------------|--------------------------|---------------------------|-----------------------------|----------|
| R16021602CA | 160.00 | 16.00 | 19.70 | 25.50 | 0.80 | 1.40 | 55 | 2012 DIP |
| R16021952CA | 160.00 | 19.50 | 21.80 | 25.50 | 1.00 | 1.60 | 50 | 2012 DIP |
| R16021952CC | 160.00 | 19.50 | 21.20 | 26.00 | 1.00 | 2.20 | 50 | 2712 DIP |
| R16021952CD | 160.00 | 19.50 | 21.20 | 26.00 | 1.00 | 2.20 | 50 | 3512 DIP |
| R16022002CA | 160.00 | 20.00 | 25.00 | 25.50 | 0.80 | 1.17 | 55 | 2012 DIP |
| R16022032CD | 160.00 | 20.30 | 21.80 | - | 1.00 | 2.40 | 50 | 3512 DIP |
| R16022072CA | 160.00 | 20.70 | 23.00 | - | 1.00 | 1.60 | 50 | 2012 DIP |
| R16022082CA | 160.00 | 20.80 | 23.30 | - | 1.00 | 2.30 | 50 | 2012 DIP |
| R16022081CR | 160.00 | 20.80 | 24.30 | - | 1.00 | 1.20 | 45 | 1365 SMD |
| R16022152CA | 160.00 | 21.50 | 24.30 | - | 1.00 | 1.40 | 80 | 2012 DIP |
| R16023202CA | 160.00 | 32.00 | 39.20 | 26.00 | 0.80 | 0.80 | 50 | 2012 DIP |
| R1611692CA | 161.25 | 6.90 | 8.50 | - | 1.00 | 2.60 | 50 | 2012 DIP |
| R16121192CA | 161.25 | 11.90 | 13.50 | - | 1.00 | 2.70 | 50 | 2012 DIP |
| R16521202CA | 165.00 | 12.00 | 14.30 | - | 1.00 | 2.30 | 50 | 2012 DIP |
| R1701951CR | 170.00 | 9.50 | 12.30 | 21.00 | 1.00 | 2.00 | 45 | 1365 SMD |
| R17021222CD | 170.00 | 12.20 | 13.90 | - | 1.00 | 2.40 | 50 | 3512 DIP |
| R17021952CA | 170.00 | 19.50 | 22.80 | 23.50 | 1.00 | 1.50 | 50 | 2012 DIP |
| R1801942CA | 180.00 | 9.40 | 11.00 | 31.00 | 1.00 | 3.30 | 50 | 2012 DIP |
| R1901131CQ | 190.00 | 1.30 | 1.8 | 19.0 | 0.50 | - | 38 | 1965 SMD |
| R1901171CQ | 190.00 | 1.70 | 2.50 | 17.5 | 0.45 | 2.54 | 45 | 1965 SMD |
| R1901401SQ | 190.00 | 4.00 | 5.70 | 21.0 | 0.7 | 2.16 | 45 | 1965 SMD |
| R24021932CA | 240.00 | 19.35 | 22.00 | 26.00 | 1.00 | 1.40 | 50 | 2012 DIP |
| R28021932CA | 280.00 | 19.35 | 22.00 | 26.00 | 1.20 | 1.40 | 45 | 2012 DIP |
| R31021932CA | 310.00 | 19.35 | 22.00 | 26.00 | 1.20 | 1.40 | 45 | 2012 DIP |
| R3371151CR | 337.25 | 1.50 | 2.00 | 25.00 | 1.00 | 0.98 | 50 | 1365 SMD |
| R3601031SV | 360.00 | 0.30 | 1.00 | 5.2 | 1.5 | - | - | 5050 SMD |
| R3601031SW | 360.00 | 0.3 | 0.8 | 5.0 | 1.5 | - | - | 3838 SMD |
| R37421701CV | 374.00 | 17.00 | - | - | 1.00 | - | 40 | 5050 SMD |
| R4871151CR | 487.25 | 1.50 | 5.50 | 23.00 | 1.00 | 0.77 | 50 | 1365 SMD |

SAW Delay Line

Specification

| Part Number | Center Freq. (MHz) | Bandwidth (MHz) | Insertion loss (dB) | Absolute Delay (μsec) | Package |
|-------------|--------------------|-----------------|---------------------|-----------------------|----------|
| 65SD201 | 65 | 20 | 14.8 | 2.40 | 1365 SMD |
| 70SD201 | 70 | 20 | 14 | 2.46 | 1365 SMD |
| 160D251 | 160 | 27.9 | 31 | 19.10 | 7420 DIP |
| 160D252 | 160 | 28.3 | 29 | 10.80 | 7420 DIP |
| 836D252 | 836.5 | 45 | 32 | 10.02 | 7420 DIP |
| 836D251 | 836.5 | 48 | 23 | 5.04 | 3512 DIP |
| 836D253 | 836.5 | 48 | 30 | 15.02 | 7420 DIP |
| 881D251 | 881.5 | 55 | 25 | 5.00 | 3512 DIP |
| 881D252 | 881.5 | 61 | 30 | 10.00 | 7420 DIP |
| 881D253 | 881.5 | 64.5 | 32 | 15.04 | 7420 DIP |