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I REMINDERS

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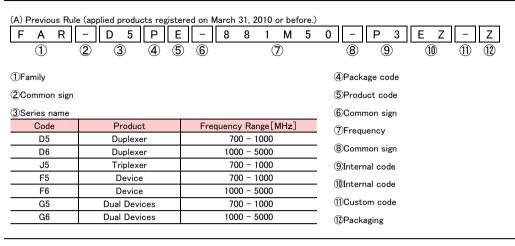
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FBAR/SAW DEVICES for MOBILE COMMUNICATIONS <> <>>

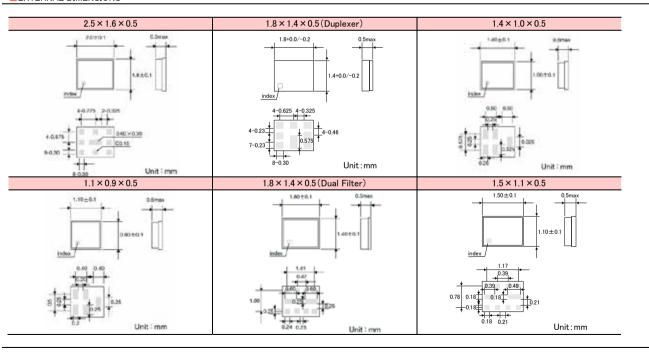
PARTS NUMBER



(B) N	ew R	ule (ap	plied	to pro	duct	s regi	stere	d on <i>i</i>	April 1	, 201	0 or la	ater.)		
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(D	(2)	3			(4)			(5)	Œ	5)	$\overline{(7)}$	(8)

①Series name			②Package code
Code	Product	Frequency Range[MHz]	③Product code
D5	Duplexer	700 – 1000	_
D6	Duplexer	1000 - 5000	(4)Frequency
J5	Triplexer	700 - 1000	⑤Internal code
F5	Device	700 - 1000	6)Internal code
F6	Device	1000 - 5000	Onternal code
G5	Dual Devices	700 - 1000	⑦Custom code
G6	Dual Devices	1000 - 5000	(8)Packaging
K6	Quadplexer	1000 - 5000	0 00
*For further deta	ils, please contact to TAI	YO YUDEN CO., LTD.	

EXTERNAL DIMENSIONS





	De tembre	Bullion Circ 1	Location 1 Depa	All control French	Deventer
System	Part number	Package Size[mm]	Insertion Loss[dB]		Remarks
and 1	D6DA2G140K2A4	1.8 × 1.4 × 0.5 max.	1.8/1.8	56/51	
	D6DA2G140K2A7	1.8 × 1.4 × 0.5 max.	1.6/1.7	58/59	
	D6PE2G140P3AW	2.0 × 1.6 × 0.5 max.	1.5/1.6	59/47	Rx : Bal.100ohm
	D6RB2G140E1AJ	1.8 × 1.4 × 0.5 max.	1.7/1.8	57/48	Rx : Bal.100ohm
	D6RB2G140E1AL	1.8 × 1.4 × 0.47 max.	1.7/1.8	57/51	Rx : Bal.100ohm
and 2	D6PF1G960M3B6	2.0 × 1.6 × 0.57 max.	2.2/2.7	55/52	
	D6PF1G960M3B9	2.0 × 1.6 × 0.57 max.	2.2/2.7	57/52	
	D6DA1G960K2B1	1.8 × 1.4 × 0.57 max.	1.9/2.5	54/54	
	D6DA1G960K2B2	1.8 × 1.4 × 0.57 max.	1.8/2.3	55/55	
	D6PE1G960P3BY	2.0 × 1.6 × 0.57 max.	2.0/3.1	57/53	Rx : Bal.100ohm
	D6PE1G960P3BP	2.0 × 1.6 × 0.57 max.	2.3/3.0	56/52	Rx : Bal.100ohm
	D6RB1G960E1HB	1.8×1.4×0.6 max.	2.1/2.9	56/55	Rx : Bal.100ohm
and 3	D6DA1G842K2C4	1.8×1.4×0.6 max.	2.3/2.1	56/56	
	D6DA1G842K2C7	1.8 × 1.4 × 0.38 max.	1.8/1.9	60/56	
and 4	D6DA2G132K2D4	1.8 × 1.4 × 0.5 max.	1.5/1.7	57/55	
	D6DA2G132K2D9	1.8 × 1.4 × 0.5 max.	1.6/1.8	60/56	
	D6PE2G132P3DWB	2.0 × 1.6 × 0.5 max.	1.8/1.8	55/50	Rx : Bal.100ohm
	D6RB2G132E1DF	1.8 × 1.4 × 0.5 max.	1.6/1.8	62/54	Rx : Bal.100ohm
Band 5	FAR-D5PF-881M50-M3E9	2.0 × 1.6 × 0.5 max.	1.5/1.8	58/51	1
	D5DA881M5K2E4	1.8 × 1.4 × 0.5 max.	1.4/1.7	58/59	
	FAR-D5PE-881M50-P3EZ	2.0 × 1.6 × 0.5 max.	1.4/1.7	59/52	Rx : Bal.100ohm
	D5RB881M5E1BH	1.8 × 1.4 × 0.47 max.	1.4/1.7	58/52	Rx : Bal.100ohm
Band 7	D6HL2G655DL06	2.0 × 1.6 × 0.54 max.	2.1/2.3	53/57	FBAR
banu /	D6HQ2G655DP01	1.8 × 1.4 × 0.54 max.	2.3/2.2	58/57	FBAR
	D6HQ2G655DP02	1.8 × 1.4 × 0.54 max.	2.0/2.0	58/55	FBAR 2HD Improved
	D6HQ2G655DP03	1.8 × 1.4 × 0.54 max.	2.0/2.0	61/56	PBAR 21D Improved
	D6DA2G655K2F1	1.8 × 1.4 × 0.44 max.	2.1/2.2	50/50	
	D6HN2G655BN54		1.8/2.6	55/56	Rx : Bal.100ohm, FBAR WLAN coexistence Ver.
		2.0 × 1.6 × 0.54 max.			
	D6HP2G655BP11	1.8 × 1.4 × 0.54 max.	1.8/2.4	56/56	Rx : Bal.100ohm, FBAR
and 8	D5PF942M5M3G6	2.0 × 1.6 × 0.5 max.	2.1/2.1	57/55	for LTE
	D5PF942M5M3G9	2.0 × 1.6 × 0.5 max.	1.9/2.2	60/52	
	D5DA942M5K2G6	1.8 × 1.4 × 0.5 max.	1.7/1.8	58/59	
	D5DA942M5K2S2	1.8 × 1.4 × 0.6 max.	1.3/1.5	58/56	for LTE
	D5PE942M5P3GT	2.0 × 1.6 × 0.5 max.	1.8/2.2	60/55	Rx : Bal.100ohm
	D5RB942M5E1CF	1.8 × 1.4 × 0.5 max.	1.5/1.9	56/51	Rx : Bal.100ohm
and 11	D6DA1G485K2W1	1.8 × 1.4 × 0.44 max.	1.2/1.3	58/60	
land 12	D5DA737M5K2H2	1.8 × 1.4 × 0.5 max.	1.65/1.65	63/58	
and 13	D5PE782M0M3P9	2.0 × 1.6 × 0.5 max.	1.6/2.0	64/55	
	D5DA782M0K2J6	1.8 × 1.4 × 0.5 max.	1.9/1.7	58/61	
and 14	D5DA793M0K2K2	1.8 × 1.4 × 0.44 max.	1.2/2.2	50/50	
and 17	D5PF740M0M3R9	2.0 × 1.6 × 0.5 max.	1.6/1.8	61/66	
	D5DA740M0K2L4	1.8 × 1.4 × 0.5 max.	1.25/1.65	65/60	
Band 20	D5FC847M0K3NE	1.8 × 1.4 × 0.44 max.	1.8/1.8	55/56	
and 21	D6DA1G503K2Y1	1.8 × 1.4 × 0.44 max.	1.3/1.3	60/60	
	D6PE1G503P3KW	2.0 × 1.6 × 0.5 max.	1.6/2.0	55/56	Rx : Bal.100ohm
and 25	D6HQ1G962DP35	1.8×1.4×0.57 max.	2.5/2.6	57/57	FBAR
and 26	D5PF876M5M3U9	2.0 × 1.6 × 0.5 max.	2.0/1.9	56/49	
	D5DA876M5K2P6	1.8×1.4×0.6 max.	1.3/2.0	60/57	
	D5PE876M5P3UZ	2.0 × 1.6 × 0.5 max.	2.2/2.6	60/49	Rx : Bal.100ohm
Band 28	D5PF773M0M3Y6	2.0 × 1.6 × 0.5 max.	1.8/2.3	60/53	Block A
	D5FC773M0K3NC	1.8×1.4×0.44 max.	2.5/2.6	57/57	
	D5PF788M0M3Y9	2.0×1.6×0.5 max.	1.8/2.4	60/54	Block B
		1.8×1.4×0.44 max.	1.8/1.9	63/60	1
	D5FC788M0K3ND	1.0 ^ 1.4 ^ 0.44 max.			
and 66					
Band 66	D6DA2G155K2T2	$1.8 \times 1.4 \times 0.44$ max. $1.8 \times 1.4 \times 0.44$ max.	2.0/2.0	57/54	

Multip	lexer

System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
Band 13+17 Triplexer	J5NA782M0P1H6	$2.5 \times 2.0 \times 0.6$ max.	1.6/1.9 1.9/1.9	60/49 53/55	
Band 1+3 Quadplexer	K6QZ2G140Q3ZA	2.5 × 2.0 × 0.8 max.	1.9/2.0 1.7/2.3	56/55 56/54	

W-CDMA / LTE / CDMA 2000 Filters

System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
Band 1 Tx	F6QA1G950M2AA	1.1 × 0.9 × 0.5 max.	1.8	38	
Band 1, Band 4 Rx	F6QA2G140M2AM	1.1 × 0.9 × 0.5 max.	1.9	46	
	F6QG2G140P2KA	1.1 × 0.9 × 0.5 max.	1.7	55	100ohm output
Band 2 Tx BC1(PCS) Tx	F6QA1G880M2AQ	1.1 × 0.9 × 0.5 max.	1.7	20	
Band 2 Rx BC1(PCS) Rx	F6QA1G960M2AP	1.1 × 0.9 × 0.5 max.	2.8	39	High Att.
	F6QG1G960P2KT	1.1 × 0.9 × 0.5 max.	2.8	44	100ohm output
Band 3 Tx	F6QA1G747M2QS	1.1 × 0.9 × 0.5 max.	2.1	22	
Band 3 Rx	F6QA1G842M2AN	1.1 × 0.9 × 0.5 max.	2.0	38	
	F6QG1G842P2KD	1.1 × 0.9 × 0.5 max.	3.2	45	100ohm output
Band 5 Tx BC0 Tx	F5QA836M5M2AR	1.1 × 0.9 × 0.5 max.	1.9	45	High Att.
Band 5 Rx BC0 Rx	F5QA881M5M2AU	1.1 × 0.9 × 0.5 max.	1.3	51	Low Loss/high Att.
	F5QG881M5P2KG	1.1 × 0.9 × 0.5 max.	1.5	56	100ohm output
Band 7 Rx	F6QA2G655M2QH	1.1 × 0.9 × 0.5 max.	2.5	38	
	F6QG2G655P2KE	1.1 × 0.9 × 0.5 max.	2.5	52	100ohm. High Att.
Band 8 Tx	F5QA897M5M2AC	1.1 × 0.9 × 0.5 max.	2.3	18	-
Band 8 Rx	F5QA942M5M2AW	1.1 × 0.9 × 0.5 max.	2.0	48	for LTE
	F5QG942M5P2KB	1.1 × 0.9 × 0.5 max.	2.2	56	100ohm output
	F5QG942M5P2KF	1.1 × 0.9 × 0.5 max.	2.2	60	100ohm output for LTE
Band 12 Rx	F5QA737M5M2QN	1.1 × 0.9 × 0.5 max.	1.6	53	
	F5QG737M5P2KK	1.1 × 0.9 × 0.5 max.	1.6	55	100ohm output
Band 13 Tx	F5QA782M0M2AZ	1.1 × 0.9 × 0.5 max.	1.5	56	
Band 13 Rx	F5QA751M0M2QM	1.1 × 0.9 × 0.5 max.	1.9	50	
Band 14	F5QA763M0M2QL	1.1 × 0.9 × 0.5 max.	2.2	49	
Band 17 Tx	F5QA710M0M2AY	1.1 × 0.9 × 0.5 max.	1.3	33	
Band 17 Rx	F5QG740M0P2KH	1.1 × 0.9 × 0.5 max.	1.4	65	100ohm output
Band 20 Rx	F5QA806M0M2QE	1.1 × 0.9 × 0.5 max.	2.7	41	
Band 21 Rx	F6QA1G503M2QF	1.1 × 0.9 × 0.5 max.	2.0	52	
Band 25 Tx	F6QA1G882M2AS	1.1 × 0.9 × 0.5 max.	1.8	23	
Band 26 Rx	F5QA876M5M2QP	1.1 × 0.9 × 0.5 max.	2.2	49	
	F5QG876M5P2KQ	1.1 × 0.9 × 0.5 max.	2.2	59	100ohm output
Band 28 Rx	F5QA773M0M2QC	1.1 × 0.9 × 0.5 max.	2.1	52	Block A
	F5QA788M0M2QB	1.1 × 0.9 × 0.5 max.	2.0	52	Block B
Band 29 Rx	F5BA722M5M6UW	1.1 × 0.9 × 0.44 max.	1.6	-	
Band 30 Rx	F6QP2G355R2SE	1.1 × 0.9 × 0.5 max.	2.1	50	
Band 32 Rx	F6QA1G474H2JS	1.1 × 0.9 × 0.5 max.	1.8	-	
Band 66 Rx	F6BA2G155M6UU	1.1 × 0.9 × 0.44 max.	1.7	45	
Band 67 Rx	F5QA748M0M2WF	1.1 × 0.9 × 0.5 max.	1.5	-	

System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
Band 34 TRx	F6FC2G017H4PC	1.1 × 0.9 × 0.44 max.	1.1	-	Input Power +29dBm(TDD:50% Duty)
Band 34 Rx	F6QP2G017R2SF	1.1 × 0.9 × 0.5 max.	1.3	-	
Bnad 38 Tx	F6KA2G595A4VL	1.4 × 1.0 × 0.5 max.	1.5	-	Input Power +29dBm
Bnad 38 Rx	F6QA2G595M2QK	1.1 × 0.9 × 0.5 max.	1.9	-	
	F6QB2G595P2BS	1.1 × 0.9 × 0.5 max.	2.0	-	Balanced 100ohm
Band 39 TRx	F6FC1G900H4PB	1.1 × 0.9 × 0.44 max.	1.1	-	Input power +29dBm (Duty 50%)
Band 39 Rx	F6QA1G900M2WD	1.1 × 0.9 × 0.5 max.	1.5	-	
Band 40 Tx	F6HF2G350AF41	1.4 × 1.0 × 0.6 max.	2.3	-	Input Power +29dBm FBAR
	F6HH2G350EH71	1.1 × 0.9 × 0.44 max.	1.6	-	Input Power +29dBm CW FBAR
	F6HH2G350EH75	1.1 × 0.9 × 0.44 max.	1.4	-	Input power +30.0dBm TD-LTE 40%duty 5MHz 1RB FBAR
Band 40 Rx	F6QA2G350M2QA	1.1 × 0.9 × 0.5 max.	2.2	-	
	F6QB2G350P2BH	1.1 × 0.9 × 0.5 max.	2.8	-	Balanced 100ohm
Band 41 TRx	F6KA2G605A4LA	1.4 × 1.0 × 0.5 max.	2.4	-	Unbal High power design 2555–2655MHz BW100MHz
	F6FC2G600H4PA	1.1 × 0.9 × 0.44 max.	2.1	-	Unbal High power design & HPUE for CMCC 2535-2655MHz BW120MHz
	F6FC2G595H4PD	1.1x0.9x0.44 max.	1.7	-	Unbal Improved IL High power design & HPUE for CMCC 2535-2655MHz BW120MHz
	F6HP2G593AP20	2.0 × 1.6 × 0.6 max.	2.9	-	Unbal High power design 2496–2690MHz BW194MHz FBAR
	F6HQ2G593AP31	1.8 × 1.4 × 0.57 max.	2.7	-	Unbal High power design & HPUE for Sprint 2496–2690MHz BW194MHz FBAR

TDD Dual Filters(TD-SCDMA / TD-LTE)

System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
Band 39 Rx + 41(BW100MHz) TRx(Common Input)	G6KJ2G605D4AB	$1.8 \times 1.4 \times 0.5$ max.	2.1/2.6	-	B41 High power design B41 (2555–2655MHz BW100MHz) for CMCC CA
Band 41 Rx + 39(BW100MHz) DRx(Common Input)	G6QN2G605M2RM	1.5 × 1.1 × 0.5 max.	2.2/1.3	-	

- GPS					
System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
GPS	F6QA1G575H2JF	1.1 × 0.9 × 0.5 max.	0.96	-	Low loss, High Att.
GPS (GNSS)	F6QA1G585M2AT	1.1 × 0.9 × 0.5 max.	1.4	-	-
	F6QB1G585P2BQ	1.1 × 0.9 × 0.5 max.	1.7	-	100ohm output
GPS+GLONASS+Galileo+Compass	F6QA1G581M2QZ	1.1 × 0.9 × 0.5 max.	1.4	-	
	F6QA1G582H2JM	1.1 × 0.9 × 0.5 max.	1.8	-	Ladder High Att.
	F6BG1G582R6TT	1.1 × 0.9 × 0.44 max.	1.7	-	100ohm output

System	Part number	Package Size[mm]	Insertion Loss[dB]	Attenuation[dB]	Remarks
ISM900 (B.W.26MHz)	FAR-F5QA-915M00-M2AK	1.1 × 0.9 × 0.5 max.	1.8	-	
Wireless LAN / Bluetooth®	FAR-F6KA-2G4418-A4VA	1.4 × 1.0 × 0.5 max.	3.0	-	+23dBm
	FAR-F6KA-2G4500-A4VD	1.4 × 1.0 × 0.5 max.	1.9	-	2400-2500MHz,+19dBm
	F6KA2G436A4VE	1.4 × 1.0 × 0.5 max.	2.5	-	2400-2472MHz,+24dBm 2.5GHz High Att (for MTK)
	F6KA2G466A4VJ	1.4 × 1.0 × 0.5 max.	2.8	-	2432-2500MHz,+24dBm 2.3GHz High Att (for MTK)
	F6HF2G441AF46	1.4 × 1.0 × 0.6 max.	1.6	-	2402.5-2481.5MHz Input Power +28dBm FBAR
	F6HG2G441EG65	1.1 × 0.9 × 0.5 max.	1.3	-	FBAR
	F6HG2G441EG66	1.1 × 0.9 × 0.5 max.	1.3	-	High Att. @2.38GHz FBAR
	F6FC2G441H4PE	1.1 × 0.9 × 0.44 max.	1.0	-	SAW

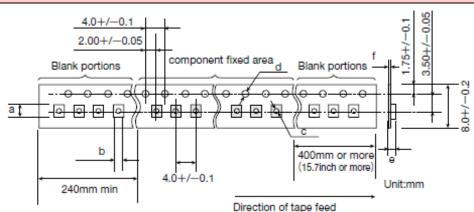
FBAR/SAW DEVICES for MOBILE COMMUNICATIONS

PACKAGING

$\textcircled{1}{Minimum} \ \textbf{Quantity}$

Туре	Size [mm]				Code & Qu	antity [pcs]			
	2.5 × 2.0	Z	3000			U	10000		
Duplexer	2.0×1.6	Z	3000					Y	15000
	1.8 × 1.4	Z	3000					Y	15000
Quadplexer	2.5 × 2.0	Z	3000			U	10000		
Triplexer	2.5 × 2.0	Z	3000			U	10000		
	2.0×1.6	Z	3000					Y	15000
Circula Filtan	1.8 × 1.4	Z	3000					Y	15000
Single Filter	1.4 × 1.0	Z	3000					Y	15000
	1.1 × 0.9			J	5000			Y	15000
Dual Filter	1.8 × 1.4	Z	3000					Y	15000
	1.5 × 1.1			J	5000			Y	15000

②Tape material



Taping dimensions

Туре	Size [mm]	а	b	С	d	е	f
	2.5 × 2.0	2.8±0.1	2.3±0.1	1.5+0.1/-0	1.5+0.1/-0	1.0+0.1/-0.0	0.25 ± 0.05
Duplexer	2.0 × 1.6	2.4±0.1	2.0±0.1	1.05 ± 0.05	1.5+0.1/-0	0.90-0.05	0.25 ± 0.05
	1.8 × 1.4	2.2±0.1	1.8±0.1	0.5 ± 0.05	1.55 ± 0.05	0.8±0.1	0.30 ± 0.05
	2.0 × 1.6	2.4±0.1	2.0±0.1	1.05 ± 0.05	1.5+0.1/-0	0.90-0.05	0.25 ± 0.05
Single Filter	1.8 × 1.4	2.2±0.1	1.8±0.1	0.5 ± 0.05	1.55 ± 0.05	0.8±0.1	0.30 ± 0.05
	1.4 × 1.0	1.7±0.1	1.3 ± 0.1	0.5 ± 0.05	1.5+0.1/-0	0.63 ± 0.05	0.20 ± 0.05
	1.1 × 0.9	1.3±0.1	1.1 ± 0.1	0.5 ± 0.05	1.55 ± 0.05	0.63 ± 0.05	0.20 ± 0.05
Dual Filter	1.8 × 1.4	2.2±0.1	1.8±0.1	0.5 ± 0.05	1.55 ± 0.05	0.8±0.1	0.30 ± 0.05
	1.5 × 1.1	1.8±0.1	1.4±0.1	0.5 ± 0.05	1.5+0.1/-0	0.7±0.1	0.25 ± 0.05
							Unit:mm

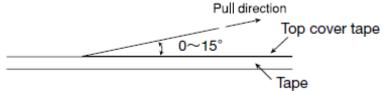
Material of Tape (Conductive)

Tape : Polystyrene

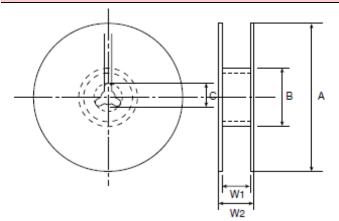
Top cover tape : Polyethylene terephthalate (PET) and Polyethylene

(3)Top Tape Strength

The top tape requires a peel-off force of 0.1 to 1.0N in the direction of the arrow as illustrated below.







Material of Reel

 ${\sf Material}: {\sf Polystyrene+Carbon}$

Characteristics : Conform to EIAJ-ET-7200A

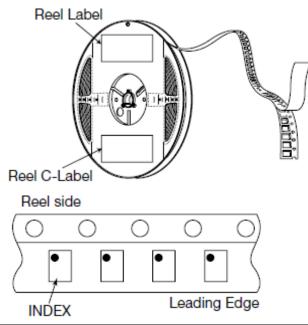
Color : Black

Surface resistance(reference value) :109 $\Omega\!/sq$ Max.

	· · ·					
Code	Quantity	А	В	С	W1	W2
Z	3,000 pcs	\$\$\phi_180.0 +0.0/-1.5\$\$	ϕ 66.0 ±0.5	ϕ 13.0 ±0.2	9.0 +1.0/-0.0	11.4 ±1.0
J	5,000 pcs	\$\$\phi_180.0 +0.0/-1.5\$	ϕ 66.0 ±0.5	ϕ 13.0 ±0.2	9.0 +1.0/-0.0	11.4 ±1.0
U	10,000 pcs	<i>\$</i> 330.0 ± 2.0	ϕ 100.0 ± 1.0	ϕ 13.0 ±0.2	9.4 ±1.0	13.4 ± 1.0
Y	15,000 pcs	ϕ 330.0 ± 2.0	ϕ 100.0 ± 1.0	ϕ 13.0 ±0.2	9.4 ±1.0	13.4 ±1.0
		•				Unit : mm

5Reel label and Reel C-Label sticking and Winding method

Surface





FBAR/SAW DEVICES for MOBILE COMMUNICATIONS

RELIABILITY DATA

1. Terminal stregth	. Terminal stregth		
Specified Value	No damage to be found.		
Test Methods and Remarks	Bend width 4mm, hold for 5 ± 1 sec. Pressure 10 R_{340} Board 1.6 ± 0.20 Solder 0 Device 1.6 ± 0.20 Unit : mm		

2. Mechanical shock	2. Mechanical shock		
Specified Value	After testing, meet the specified characteristics at a room temperature.		
Test Methods and Remarks	Apply 14700m/s ² for 0.5ms 5 times for each of 6 directions.		

3. Vibration		
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	With 1.5 mm of whole amplitude at 10 to 55 Hz of frequency, and $98m/s^2$ of acceleration at 55 to 500Hz, apply a vibration for 2 hours for each of 3 directions, period is 15 minutes(10 to 500 to 10Hz)	

4. Drop 1	4. Drop 1	
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	Drop 3 times onto concrete floor from the height of 1.0m.	

5. Drop 2	5. Drop 2	
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	Drop with 150g weight 3 times in each 6 direction onto concrete floor from the height of 1.8m.	

6. Temperature cyc	6. Temperature cycling	
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	Temp. range -40 to $\pm 100^{\circ}$ C. 500cycle.	

7. Static humidity		
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and	SAW : +85°C, 90% to 95%RH, apply DC5V, 1000hours.	
Remarks	FBAR : +85°C, 90% to 95%RH, apply DC0V, 1000hours.	

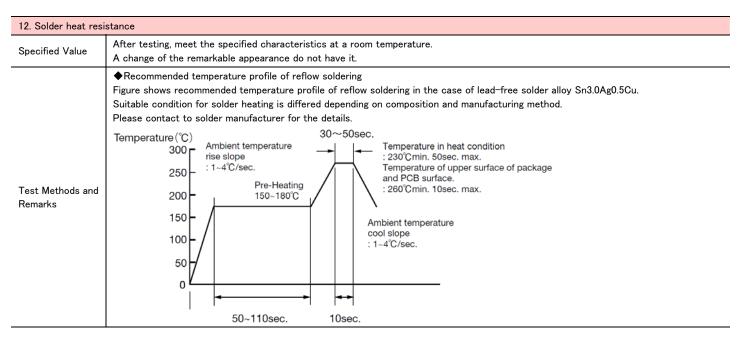
8. High temperature	8. High temperature storage life	
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	+100°C, 1000hours.	

9. Low temperature storage life		
Specified Value	After testing, meet the specified characteristics at a room temperature.	
Test Methods and Remarks	-40°C, 1000hours.	



10. High Temperature Bias	
Specified Value	After testing, meet the specified characteristics at a room temperature.
Test Methods and Remarks	Please refer to individual specifications in detail.
Romanks	

11. Solderbility	
Specified Value	More than 90% of area of terminals to be covered with the solder. A change of the remarkable appearance do not have it.
Test Methods and Remarks	Lead-free Solder paste, Reflow;Peak temperature 245°C



\times According to JIS(IEC) standard.

FBAR/SAW DEVICES for MOBILE COMMUNICATIONS

PRECAUTIONS

Precautions	♦Storage
	1. To maintain the solderability of terminal electrodes and to keep the packaging material in good condition, care must be taken to contro
	temperature and humidity in the storage area. Humidity should especially be kept as low as possible.
	Recommended conditions
	Ambient temperature : $-5 \sim +40^{\circ}$ C
	Humidity : 40~85%RH
	The ambient temperature must be kept below 30°C.
	Even under ideal storage conditions, the solderbility of electrodes decreases gradually, so filters should be mounted within 1 year
	from the time of delivery.
	 The packaging material should be kept where no chlorine or sulfur exists in the air.
Technical considerations	♦Storage
	1. If the parts are stocked in a high temperature and humidity environment, problems such as reduced solderability caused by oxidation of
	terminal electrodes and deterioration of taping/ packaging materials may take place. For this reason, components should be used within 1
	year from the time of delivery. If exceeding the above period, please check the solderability before using the filter.

Therefore, please check the specifications carefully before use.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Taiyo Yuden:

D6HH1G960BH95-Z D6NF1G960P1BR-Z F5KY878M0B4ND-Z F5QB881M5P2BG-J F6KA2G535L4AM-Z
F6KY1G960B4NF-Z D6PF1G960M3B6-Z F6QG2G140P2KA-J D6JG2G132D3GZ-Z F5QG881M5P2KG-J
F5QG942M5P2KB-J F6QB1G585P2BQ-J F5KY-751M00-B4UQ-Z F6KA2G436A4VE-Z D6PE1G960P3BY-Z
F5QA836M5M2AR-J F6QA1G950M2AA-J F6QA1G960M2AP-J F5QA897M5M2AC-J D5PF782M0M3P9-Z
D6PF2G132M3D9-Z F6QA1G581M2QZ-J F6BG1G582R6TT-J D6DA1G842K2C4-Z D6DA2G140K2A7-Z
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F6KA2G466A4VJ-Z D5DA881M5K2E4-Z D5PE876M5P3UZ-Z D5PF773M0M3Y6-Z D6HL1G962DL39-Z
D6HL2G655DL06-Z D6HN2G655BN54-Z D6PE1G503P3KW-Z D6PE2G140P3AW-Z D6RB2G132E1DF-Z
D6RB2G140E1AL-Z F5QA710M0M2AY-J F5QA773M0M2QC-J F5QA788M0M2QB-J F5QG740M0P2KH-J
<u>F5QG876M5P2KQ-J</u> <u>F5QG942M5P2KF-J</u> <u>F6HF2G350AF41-Z</u> <u>F6HP2G593AP20-Z</u> <u>F6KA2G605A4LA-Z</u>
F6QA1G503M2QF-J F6QA1G882M2AS-J F6QA2G595M2QK-J F6QB2G595P2BS-J F6QG1G842P2KD-J
F5QA876M5M2QP-J F5QA751M0M2QM-J D5DA876M5K2P6-Z D6DA2G132K2D4-Z D5PF876M5M3U9-Z
F6HQ2G593AP31-Z G6QN2G017M2RF-J D6HQ2G655DP02-Z D6DA1G960K2B2-Z F6FC1G900H4PB-J
F6QA2G655M2QH-J F6FC2G600H4PA-J G6QN2G605M2RM-J D6HQ1G962DP35-Z