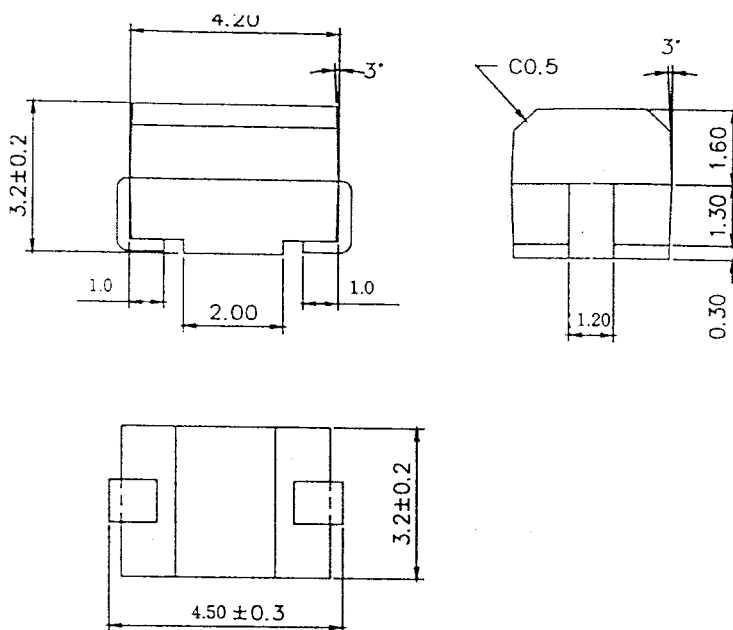


CHIP INDUCTOR CF453232 SERIES



I. PART NO. EXPRESSION:

~~CF~~ ~~45~~ ~~32~~ ~~32~~ ~~—~~ ~~330~~ ~~K~~
 (1) (2) (3) (4) (5) (6)

- (1) CHIP COIL MOLDING TYPE
- (2) COIL LENGTH : 4.5 m/m
- (3) COIL WIDTH : 3.2 m/m
- (4) COIL HEIGHT : 3.2 m/m
- (5) INDUCTANCE : 33.0 μ H
- (6) TOLERANCE : $\pm$ 10%

II. CONFIGURATION & DIMENSIONS:

MATERIALS:

CORE : FERRITE DR CORE

WIRE : ENAMELLED COPPER WIRE

TERMINAL : TINNED COPPER FLAT

ENCAPSULATE : EPOXY NOVOLAC

MOLDING COMPOUND

III. GENERAL SPECIFICATIONS:

- (1) TEMP RISE : 20°C MAX
(ambient temp rise)
- (2) AMBIENT TEMP : 80°C MAX
- (3) STORAGE TEMP : - 40°C ---- +100°C
- (4) OPERATING TEMP : -25°C ---- +100°C
- (5) TERMINAL STRENGTH : 1.0 KG MIN
- (6) RATED CURRENT :
CURRENT CAUSE INDUCTANCE
DROP WITHIN 10% FROM 0 TO 50°C
- (7) RESISTANCE TO SOLDER HEAT:
260°C , 10 SECS
- (8) RESISTANCE TO SOLVENT:
PER MIL-STD-202F *(solvent adj)*



FRONTIER
ELECTRONICS CO., LTD.

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4 TH FL. NO. 48, MIN CHUAN RD., HSIN TIEN, TAIPEI HSIEN, TAIWAN, R.O.C.

TEL: (02) 29147685-9

FAX: (02) 29186304

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CHIP INDUCTOR CF453232 SERIES ELECTRICAL CHARACTERISTICS

PART NO.	INDUCTANCE (uH)	Q (MIN)	TEST FREQ. (MHZ)	SRF (MIN) (MHZ)	DCR (MAX) (OHM)	Idc (mA)
CF453232-R10M	0.1±20%	35	25.2	300	0.18	800
CF453232-R12M	0.12±20%	35	25.2	280	0.20	770
CF453232-R15M	0.15±20%	35	25.2	250	0.22	730
CF453232-R18M	0.18±20%	35	25.2	220	0.24	700
CF453232-R22M	0.22±20%	40	25.2	200	0.25	665
CF453232-R27M	0.27±20%	40	25.2	180	0.26	635
CF453232-R33M	0.33±20%	40	25.2	165	0.28	605
CF453232-R39M	0.39±20%	40	25.2	150	0.30	575
CF453232-R47M	0.47±20%	40	25.2	145	0.32	545
CF453232-R56M	0.56±20%	40	25.2	140	0.36	520
CF453232-R68M	0.68±20%	40	25.2	135	0.40	500
CF453232-R82M	0.82±20%	40	25.2	130	0.45	475
CF453232-1R0K	1.0±10%	50	7.96	100	0.50	450
CF453232-1R2K	1.2±10%	50	7.96	80	0.55	430
CF453232-1R5K	1.5±10%	50	7.96	70	0.60	410
CF453232-1R8K	1.8±10%	50	7.96	60	0.65	390
CF453232-2R2K	2.2±10%	50	7.96	55	0.70	380
CF453232-2R7K	2.7±10%	50	7.96	50	0.75	370
CF453232-3R3K	3.3±10%	50	7.96	45	0.80	355
CF453232-3R9K	3.9±10%	50	7.96	40	0.90	330
CF453232-4R7K	4.7±10%	50	7.96	35	1.00	315
CF453232-5R6K	5.6±10%	50	7.96	33	1.10	300
CF453232-6R8K	6.8±10%	50	7.96	27	1.20	285
CF453232-8R2K	8.2±10%	50	7.96	25	1.40	270
CF453232-100K	10.0±10%	50	2.52	20	1.60	250
CF453232-120K	12.0±10%	50	2.52	18	2.00	225
CF453232-150K	15.0±10%	50	2.52	17	2.50	200
CF453232-180K	18.0±10%	50	2.52	15	2.80	190
CF453232-220K	22.0±10%	50	2.52	13	3.20	180
CF453232-270K	27.0±10%	50	2.52	12	3.60	170
CF453232-330K	33.0±10%	50	2.52	11	4.00	160
CF453232-390K	39.0±10%	50	2.52	10	4.50	150
CF453232-470K	47.0±10%	50	2.52	10	5.00	140
CF453232-560K	56.0±10%	50	2.52	9.0	5.50	135
CF453232-680K	68.0±10%	50	2.52	9.0	6.00	130
CF453232-820K	82.0±10%	50	2.52	8.0	7.00	120
CF453232-101K	100±10%	40	0.796	8.0	8.00	110
CF453232-121K	120±10%	40	0.796	6.0	8.00	110
CF453232-151K	150±10%	40	0.796	5.0	9.00	105
CF453232-181K	180±10%	40	0.796	5.0	9.50	102
CF453232-221K	220±10%	40	0.796	4.0	10.00	100
CF453232-271K	270±10%	40	0.796	4.0	12.00	92
CF453232-331K	330±10%	40	0.796	3.5	14.00	85
CF453232-391K	390±10%	40	0.796	3.0	18.00	80
CF453232-471K	470±10%	40	0.796	3.0	26.00	62
CF453232-561K	560±10%	30	0.796	3.0	30.00	50
CF453232-681K	680±10%	30	0.796	3.0	30.00	50
CF453232-821K	820±10%	30	0.796	2.5	35.00	30
CF453232-102K	1000±10%	20	0.252	2.5	40.00	30