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MOLDED CHOKES (MCGS TYPE)

PRODUCT IDENTIFICATION (產品識別)

MCGS □ □ - □ □ □ □ □

1 2 3 4 5

Jameco Part Number 372509

(1) MOLDED CHOKES TYPE (MCGS 壓模線圈型)

(2) B: In Bulk(散裝)

A: Tapping with Ammo Box(盒裝)

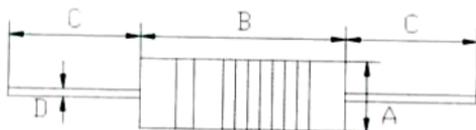
R: Tapping with Reel (捲裝)

(3) Type 型式(1302,1303,1304,1309,1310,1501)

(4) Inductance(電感值)

(5) Tolerance (誤差值) (J 5%,K 10%,M 20%)

CONFIGURATIONS & DIMENSIONS (結構圖及規格尺寸)



TYPE(型式)	∅A	B	C	∅D
MCGS 1302	4.83 ± 0.25	11.18 ± 0.25	25.91 (min)	0.635 ± 0.05
MCGS 1303	2.41 ± 0.25	6.35 ± 0.25	25.91 (min)	0.500 ± 0.05
MCGS 1304	3.96 ± 0.25	9.53 ± 0.25	25.91 (min)	0.600 ± 0.05
MCGS 1309	6.50 ± 0.10	14.50 ± 0.25	25.91 (min)	0.800 ± 0.05
MCGS 1310	1.98 ± 0.25	5.08 ± 0.25	25.91 (min)	0.410 ± 0.05
MCGS 1501	4.11 ± 0.25	10.41 ± 0.25	25.91 (min)	0.600 ± 0.05

INDUCTANCE & RATED CURRENT RANGES (電感及定格電流範圍)

TYPE (型式)	INDUCTANCE (電感值)	RATED CURRENT (定格電流)
MCGS 1302	0.15..... 1000 uH	3050 78 mA (MAX)
MCGS 1303	0.10..... 1000 uH	1380 28 mA (MAX)
MCGS 1304	0.15..... 1000 uH	2740 82 mA (MAX)
MCGS 1309	0.10..... 1000 uH	1900 80 mA (MAX)
MCGS 1310	0.10..... 270 uH	895 39 mA (MAX)
MCGS 1501	0.10..... 10000 uH	1790 24 mA (MAX)

MOLDED CHOKES (MCGS TYPE)

ELECTRICAL CHARACTERISTICS FOR MCGS 1501 SERIES(MCGS 1501 系列電子特性規格)

PART NUMBER 產品料號	INDUC - TANCE 電感值(L)	Q(min) 品質因數	F (MHZ) 測試頻率	SRF(MHZ) (min) 共振頻率	RDC(Ω) (max) 直流阻抗	IDC(mA) (max) 定格電流
MCGS □ 1501-R10 □	0.10 uH	50	25	250	0.025	1790
MCGS □ 1501-R12 □	0.12 uH	51	25	250	0.034	1530
MCGS □ 1501-R15 □	0.15 uH	51	25	250	0.037	1470
MCGS □ 1501-R18 □	0.18 uH	50	25	250	0.047	1300
MCGS □ 1501-R22 □	0.22 uH	49	25	250	0.067	1100
MCGS □ 1501-R27 □	0.27 uH	47	25	250	0.11	855
MCGS □ 1501-R33 □	0.33 uH	46	25	250	0.13	788
MCGS □ 1501-R39 □	0.39 uH	44	25	250	0.18	670
MCGS □ 1501-R47 □	0.47 uH	44	25	235	0.25	565
MCGS □ 1501-R56 □	0.56 uH	43	25	210	0.33	490
MCGS □ 1501-R68 □	0.68 uH	42	25	190	0.45	420
MCGS □ 1501-R82 □	0.82 uH	40	25	180	0.59	370
MCGS □ 1501-1R0 □	1.00 uH	44	25	140	0.07	1070
MCGS □ 1501-1R2 □	1.20 uH	44	7.9	130	0.10	895
MCGS □ 1501-1R5 □	1.50 uH	44	7.9	115	0.12	815
MCGS □ 1501-1R8 □	1.80 uH	44	7.9	105	0.14	775
MCGS □ 1501-2R2 □	2.20 uH	44	7.9	100	0.19	650
MCGS □ 1501-2R7 □	2.70 uH	44	7.9	92	0.28	535
MCGS □ 1501-3R3 □	3.30 uH	44	7.9	85	0.35	480
MCGS □ 1501-3R9 □	3.90 uH	44	7.9	75	0.40	450
MCGS □ 1501-4R7 □	4.70 uH	44	7.9	70	0.55	380
MCGS □ 1501-5R6 □	5.60 uH	44	7.9	65	0.72	335
MCGS □ 1501-6R8 □	6.80 uH	50	7.9	55	1.02	280
MCGS □ 1501-8R2 □	8.20 uH	50	7.9	50	1.32	250
MCGS □ 1501-100 □	10.00 uH	50	7.9	46	1.62	220
MCGS □ 1501-120 □	12.00 uH	55	2.5	44	2.00	200
MCGS □ 1501-150 □	15.00 uH	45	2.5	49	0.80	315
MCGS □ 1501-180 □	18.00 uH	45	2.5	45	0.89	300
MCGS □ 1501-220 □	22.00 uH	45	2.5	41	0.96	290
MCGS □ 1501-270 □	27.00 uH	45	2.5	38	1.19	260
MCGS □ 1501-330 □	33.00 uH	45	2.5	34	1.37	240

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ELECTRICAL CHARACTERISTICS FOR MCGS 1501 SERIES(MCGS 1501 系列電子特性規格)

PART NUMBER 產 品 料 號	INDUC - TANCE 電感值(L)	Q(min) 品質因數	F (MHZ) 測試頻率	SRF(MHZ) (min) 共振頻率	RDC(Ω) (max) 直流阻抗	IDC(mA) (max) 定格電流
MCGS 1501-390	39.00 uH	50	2.5	29	1.93	205
MCGS 1501-470	47.00 uH	50	2.5	27	2.11	195
MCGS 1501-560	56.00 uH	50	2.5	25	2.23	190
MCGS 1501-680	68.00 uH	50	2.5	21	2.70	170
MCGS 1501-820	82.00 uH	50	2.5	10.5	2.44	180
MCGS 1501-101	100.00 uH	50	2.5	10	3.12	160
MCGS 1501-121	120.00 uH	55	0.79	9.7	3.60	150
MCGS 1501-151	150.00 uH	55	0.79	8.5	4.10	140
MCGS 1501-181	180.00 uH	55	0.79	8	4.40	135
MCGS 1501-221	220.00 uH	55	0.79	7.5	5.00	125
MCGS 1501-271	270.00 uH	55	0.79	7	5.80	115
MCGS 1501-331	330.00 uH	55	0.79	6.5	6.40	110
MCGS 1501-391	390.00 uH	60	0.79	6.2	7.40	105
MCGS 1501-471	470.00 uH	60	0.79	5.7	9.50	92
MCGS 1501-561	560.00 uH	60	0.79	4.7	10.50	90
MCGS 1501-681	680.00 uH	60	0.79	4.5	11.80	80
MCGS 1501-821	820.00 uH	60	0.79	4.2	13.00	80
MCGS 1501-102	1.00mH	60	0.79	3.8	17.50	70
MCGS 1501-122	1.20mH	45	0.25	1.5	22.10	60
MCGS 1501-152	1.50mH	45	0.25	1.2	26.50	55
MCGS 1501-182	1.80mH	45	0.25	1.0	29.90	50
MCGS 1501-222	2.20mH	45	0.25	0.97	33.80	50
MCGS 1501-272	2.70mH	45	0.25	0.92	47.30	40
MCGS 1501-332	3.30mH	45	0.25	0.84	53.00	40
MCGS 1501-392	3.90mH	45	0.25	0.80	73.80	35
MCGS 1501-472	4.70mH	45	0.25	0.74	81.60	31
MCGS 1501-562	5.60mH	44	0.25	0.73	98.90	28
MCGS 1501-682	6.80mH	40	0.25	0.66	111.00	27
MCGS 1501-822	8.20mH	40	0.25	0.54	119.00	26
MCGS 1501-103	10.00mH	40	0.25	0.47	137.00	24