

ORDERING TERMINOLOGY FOR SMPS CERAMIC CAPACITORS (CONT.)

VOLTAGE	
G	50 V
B	100 V
R	200 V
S	500 V

LEAD STYLE	
N	STRAIGHT (THU HOLE)
J	LEADS FORMED IN
L	LEADS FORMED OUT
W	WITHOUT LEADS

COATING	
1	UNCOATED
2	COATED

TC	
BX	BX
BR	BR
BG	X7R
BY	NPO

TOLERANCE	
J	± 5 %
K	± 10 %
M	± 20 %

TEST LEVEL	
A	ELECTRICAL SCREENING ONLY
B	DESC DWG 87106 GROUP A
C	DESC DWG 88011 GROUP A

MAXIMUM CAPACITANCE FOR EACH CASE CODE (ALL VALUES ARE μF)

CASE CODE	1				2				3			
VOLTAGE	50 V	100 V	200 V	500 V	50 V	100 V	200 V	500 V	50 V	100 V	200V	500V
X7R	100	56.0	27.0	12.0	150	82.0	39.0	18.0	47.0	27.0	12.0	5.6
NPO	4.7	3.3	1.8	0.82	5.6	4.7	2.7	1.2	2.2	1.8	1.0	0.39
DIM A MAX.	0.650				0.650				0.650			
LEADS PER SIDE	20				15				10			

CASE CODE	4				5				6			
VOLTAGE	50 V	100 V	200 V	500 V	50 V	100 V	200 V	500 V	50 V	100 V	200V	500V
X7R	15.0	8.2	3.9	1.8	5.6	3.3	1.5	0.68	270	180	120	39.0
NPO	0.56	0.47	0.27	0.12	0.27	0.22	0.1	.047	15.0	12.0	5.6	2.2
DIM A MAX	0.650				0.650				0.650			
LEADS PER SIDE	4				3				20			