

UNION TECHNOLOGY CORP. 718 MONTEREY PASS RD MONTEREY PARK, CA 91754 TEL: 323-266-6603		DRAWN BY : Minh H.	DATE: 4/18/2012	PART NUMBER RS5550X7R225MB575		
		MFG. APPROVAL Lauriano V.	ENGR. APPROVAL Jacob Y.	Q.A. APPROVAL Gary K.		
		CUSTOMER REV. A		COMP. CODE N/A	CONFIGURATION CODE(S) RS5550X7R225MB575	
CUSTOMER SPECIFICATION				FILE CODE High Voltage		
ENCAP.	CHIP	N/A		SAME AS		
	CONF. COAT	X		A) N/A		
LEADS	MATERIAL	COPPERWELD		B)		
	FINISH	SOLDER				
VOLTAGE CHARACTERISTIC		X7R		STANDARD MANUFACTURING SPEC.		
TEMPERATURE COEFFICIENT		± 15%		DIELECTRIC X7R		
TEMP. RANGE (DEG.C)		- 55C TO +125C		CHIP 5550		
WORKING VOLTAGE		500 Vdc		LEAD P/N N/A		
CAP (pF) @ 1V		2,200,000 pF		TERMINATION SOLDERABLE TERM.		
TOLERANCE @ 1K Hz		± 20%		FINISH N/A		
D.F.		2.5% MAX				
I.R. @ 25 DEG. C		450 M OHMS				
I.R. @ 125 DEG.C V.		45 M OHMS				
DWV 5 SEC.		750 Vdc				
THERMAL SHOCK		X				
BURN-IN 600 V. 125 DEG. C		MIN 96 HOURS				
ULTRASONIC EXAMINATION		N/A				
TESTING REQUIRED		X				
DWV		X				
I.R.		X				
CAP & D.F.		X				
DATA REQUIRED		X				
SPECIAL PACKAGING		BULK				
MARKING		X				
M A R K I N G	UTC 225MB 500V DATE CODE					
DATE: 4/18/2012						
				A R E V I S I O N		

H = 0.600 INCH MAX.
 W = 0.650 INCH MAX.
 T = 0.270 INCH MAX.
 S = 0.575 INCH ± 0.030 INCH
 E = 0.025 INCH ± 0.002 INCH
 F = 1.250 INCH MIN