

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 PS5550J1X7R455MA300	
		MFG. APPROVAL Lauriano V.	ENGINEERING APPROVAL Jacob Y.	Q.A. APPROVAL Gary K.	
		CUSTOMER REV. D		COMP. CODE N/A	CONFIGURATION CODE(S) PS5550J1X7R455MA300
CUSTOMER SPECIFICATION				SAME AS	
ENCAP.	CHIP	X		A) N/A	
	CONF. COATING	N/A		B)	
LEADS	MATERIAL	PHO. BRONZE		STANDARD MANUFACTURING SPEC.	
	FINISH	Tin Solder		DIELECTRIC X7R	
VOLTAGE CHARACTERISTIC.		X7R		CHIP 5550	
TEMPERATURE COEFFICIENT		± 15%		LEAD P/N PF-5281-29-510	
TEMP. RANGE (DEG. C)		- 55C TO +125C		TERMINATION SOLDERABLE TERM.	
WORKING VOLTAGE		500 Vdc		FINISH Tin Solder	
CAP (pF) @ 1VRMS		4,500,000 pF			
TOLERANCE @ 1KHz		± 20%			
DF		2.5% MAX.			
IR @ +25 DEG. C		220 M OHMS	A = 0.300 INCH MAX.		
IR @ +125 DEG. C		22 M OHMS	B = 0.365 INCH MAX.		
DWV (5 SEC.)		750 Vdc	C = 0.550 ± 0.025 INCH		
THERMAL SHOCK		N/A	D = 0.525 INCH MAX.		
BURN-IN 600 V. 125 DEG. C		48 HOURS MIN.	E = 0.590 INCH MAX.		
ULTRASONIC EXAMINATION		N/A			
TESTING REQUIRED		X			
CAP AND DF		X			
DWV		X			
IR		X			
DATA REQUIRED		X			
SPECIAL PACKAGING		PLASTIC TRAY			
MARKING		X			
M A R K I N G	UTC 455MA 500V DATE CODE				
DATE: 4/18/2012				D	
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