

UNION TECHNOLOGY CORP. 718 MONTEREY PASS RD MONTEREY PARK, CA 91754 TEL: 323-266-6603		DRAWN BY : MINH H.	DATE: 4/12/2012	PART NUMBER PB2225J1X7R305MATG	
		MFG. APPROVAL LAURIANO V.	ENGINEERING APPROVAL JACOB Y.	Q.A. APPROVAL GARY K.	
		CUSTOMER REV. C		COMP. CODE N/A	CONFIGURATION CODE(S) PB2225J1X7R305MATG
CUSTOMER SPECIFICATION				SAME AS	
ENCAP.	CHIP	X		A) N/A	
	CONF. COATING	N/A	B)		
LEADS	MATERIAL	PH. BRONZE			
	FINISH	SOLDER			
VOLTAGE CHARACTERISTIC		X7R		STANDARD MANUFACTURE SPECS.	
T.C.		± 15%		DIELECTRIC X7R	
TEMP. RANGE (DEG.C)		- 55C TO +125C		CHIP 2225	
WORKING VOLTAGE		100 Vdc		LEAD P/N PF-5281-29-510	
CAP (pF) @ 1VRMS		3,000,000 pF		TERMINATION SOLDERABLE TERM.	
TOLERANCE @ 1KHz		± 20%		FINISH N/A	
D.F.		2.5% MAX.			
I.R. @ +25 DEG. C		3.3 G OHMS		A = 0.480 INCH MAX.(12.19 mm Max.)	
I.R. @ +125 DEG. C		330 M OHMS		B = 0.545 INCH MAX.(13.84 mm Max.)	
DWV		250 Vdc		C = 0.250 ± 0.025 INCH(6.35 +/- 0.635 mm)	
				D = 0.270 INCH MAX.(7.00 mm Max.)	
				E = 0.300 INCH MAX.(7.62 mm Max.)	
				F = 0.050 INCH MIN.(1.27 mm Min.)	
THERMAL SHOCK		X			
BURN-IN 200 V. 125 DEG. C		48 HOURS MIN.			
ULTRASONIC EXAMINATION		N/A			
TESTING REQUIRED		X			
CAP. AND D.F.		X			
DWV		X			
I.R.		X			
DATA REQUIRED		X			
SPECIAL PACKAGING		Tape & Reel			
MARKING		X			
M A R K I N G	UTC 305M DATE CODE				
DATE:	4/12/2012				
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Notes: This part is RoHS Compliant