



- NOTES:
1. INSULATOR MATERIAL: PPS
 2. CONTACT MATERIAL: SPINODAL
 3. PLATING: .000050" MIN NICKEL UNDERPLATE
CONTACT SURFACE: .000030" GOLD
TERMINATION: .000010" GOLD
 4. OPERATING TEMPERATURE: -65 °C TO +200 °C
 5. PROCESSING TEMP: 260 °C FOR 20 SECONDS MAX
 6. UL FLAMMABILITY RATING: 94V-0
 7. OPERATING VOLTAGE: 700 VAC MINIMUM AT SEA LEVEL
 8. CURRENT RATING: 3 AMP
 9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
 10. INSULATION RESISTANCE: 5000 MEGA OHMS
 11. DURABILITY: 500 CYCLES MIN
 12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
 13. BOARD THICKNESS ACCOMMODATED: $.062 \pm .008$ [1.57 ± 0.20]
 14. INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A $.062$ [1.57] TEST BLADE
INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION WI7.3-01
 15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING $.062$ [1.57] PCB
 16. MODIFICATION: CONTACT CENTERS $.095"/.115"$, OMIT CONTACTS IN CENTER POSITION FOR HIGHER VOLTAGE, SHORTING CONTACTS, $.130"$ ROW SPACING. TRIM TAIL TO $.200 \pm .025"$ FROM STANDOFF, $.345"$ INSERTION DEPTH.



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
			2/1/2012	JH		
TOLERANCES: ANGULAR: $\pm 1^\circ$ DECIMALS .XX = $\pm .02$ [.5] .XXX = $\pm .005$ [.13] .XXXX = $\pm .0005$ [.013]		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE TO-220 & 247 SOCKET	
					PART NUMBER FMC05DRTN-S1682	
		SIZE C	CAGE CODE 54453	DWG. NO. C12159	REV A	
		SCALE: 6:1		SHEET 1 OF 1		