

PART NUMBER CODING
MC05DRTN-S1682

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
B	2779	UPDATE OPERATING VOLTAGE NOTE	5/22/2013	JH
C	2834	ADD 'X' MATERIAL OPTION	8/30/2013	JH

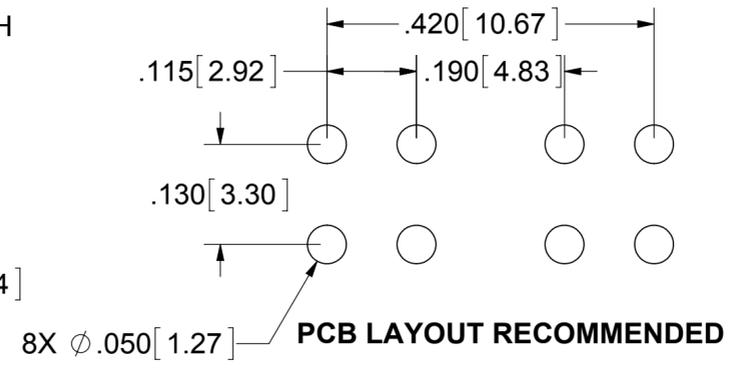
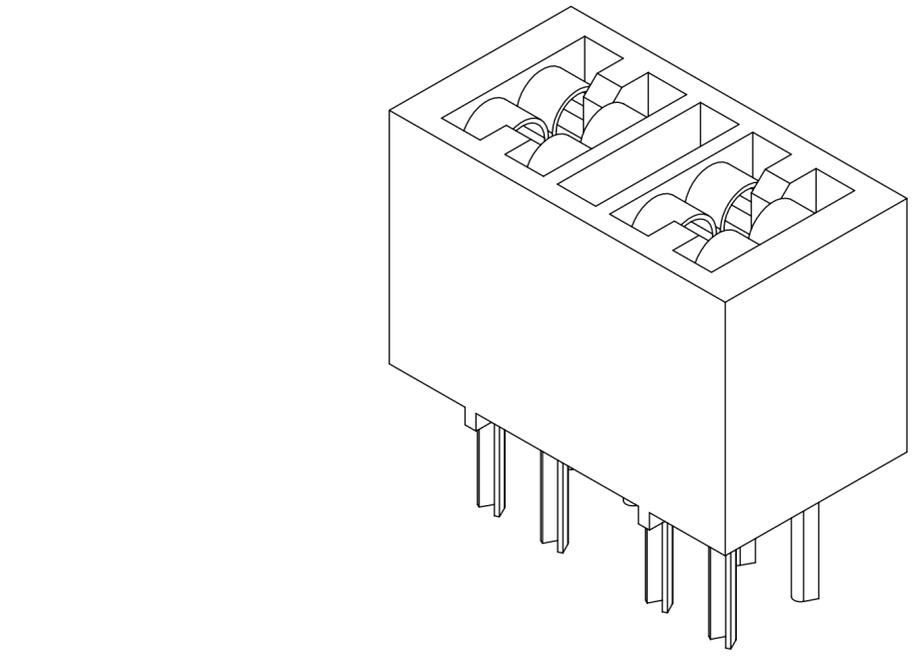
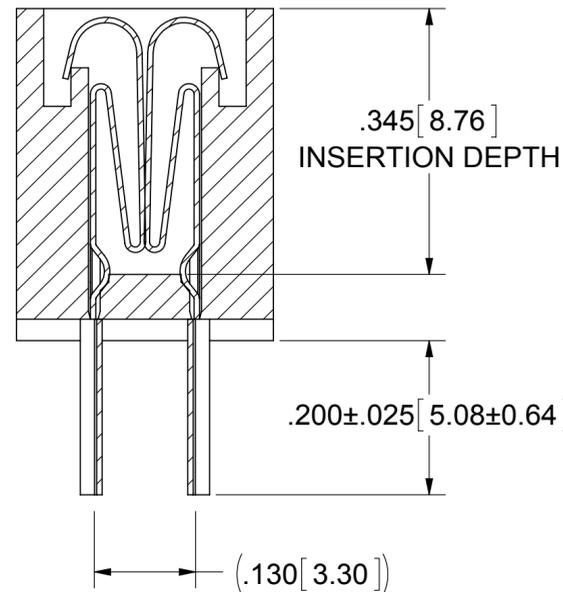
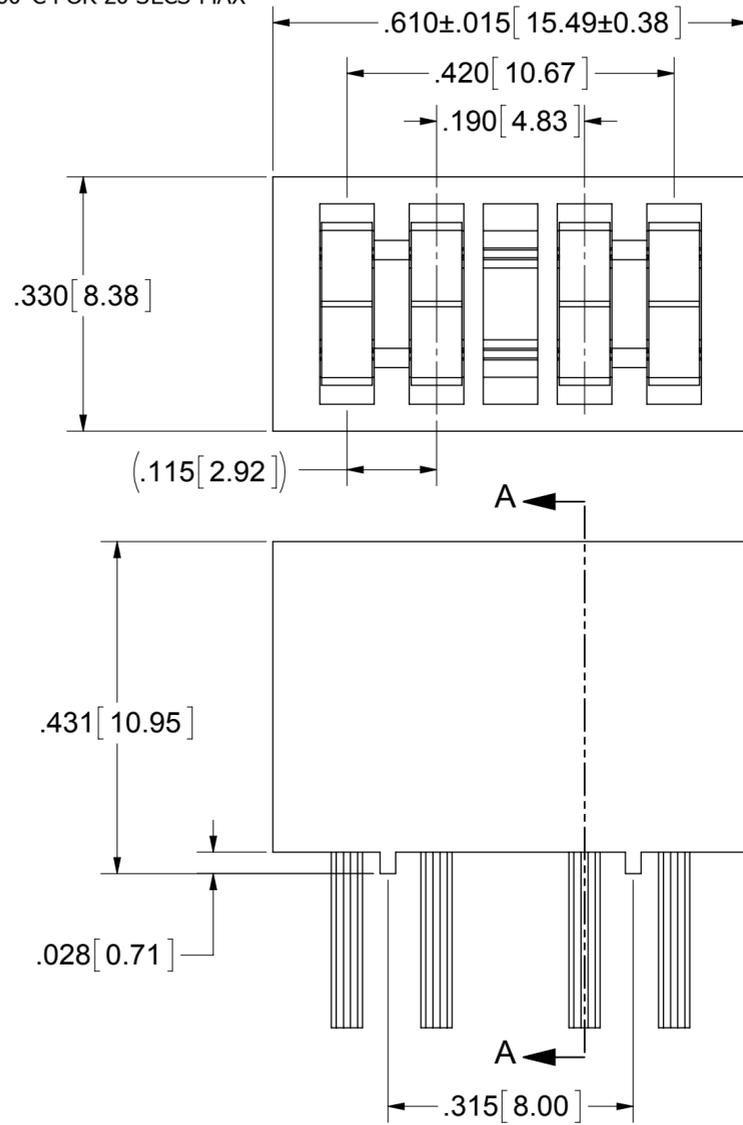
MATERIALS (INSULATOR / CONTACT)

F = BROWN PPS / SPINODAL

OPERATING TEMP: -65°C TO +200°C
 PROCESSING TEMP: 260°C FOR 20 SECS MAX

X = NATURAL BROWN PEEK / SPINODAL

OPERATING TEMP: -65°C TO +200°C
 PROCESSING TEMP: 260°C FOR 20 SECS MAX



NOTES:

- INSULATOR MATERIAL: SEE PART NUMBER CODING
- CONTACT MATERIAL: SEE PART NUMBER CODING
- PLATING: .000050" MIN NICKEL UNDERPLATE
 CONTACT SURFACE: .000030" GOLD
 TERMINATION: .000010" GOLD OVERALL
- OPERATING TEMPERATURE: SEE PART NUMBER CODING
- PROCESSING TEMP: SEE PART NUMBER CODING
 (CONSULT FACTORY FOR SPECIAL SOLDERING REQUIREMENT)
- UL FLAMMABILITY RATING: 94V-0
- OPERATING VOLTAGE: 1200 VAC MINIMUM AT SEA LEVEL
- CURRENT RATING: 3 AMP
- CONTACT RESISTANCE: 30 MILLI OHMS MAX
- INSULATION RESISTANCE: 5000 MEGA OHMS
- DURABILITY: 500 CYCLES MIN
- CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
- MODIFICATION: CONTACT CENTERS .095"/.115", OMIT CONTACTS IN CENTER POSITION FOR HIGHER VOLTAGE, SHORTING CONTACTS, .130" ROW SPACING. TRIM TAIL TO .200±.025" FROM STANDOFF, .345" INSERTION DEPTH.



CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		2/1/2012	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX= ± .02 [.5] .XXX= ± .005 [.13] .XXXX= ± .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				
_MC05DRTN-S1682				
SIZE	CAGE CODE	DWG. NO.	REV	
C	54453	C12159	C	
SCALE: 6:1		SHEET 1 OF 1		