

PART NUMBER CODING

MATERIAL (INSULATOR/CONTACT)

- R = BLACK, PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- G = BLACK, PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- A = BLACK, PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- J = BLACK, PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- F = BLACK, PPS/SPINODAL**
OPERATING TEMP: -65°C TO +200°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
(AVAILABLE IN 'M' PLATING ONLY)

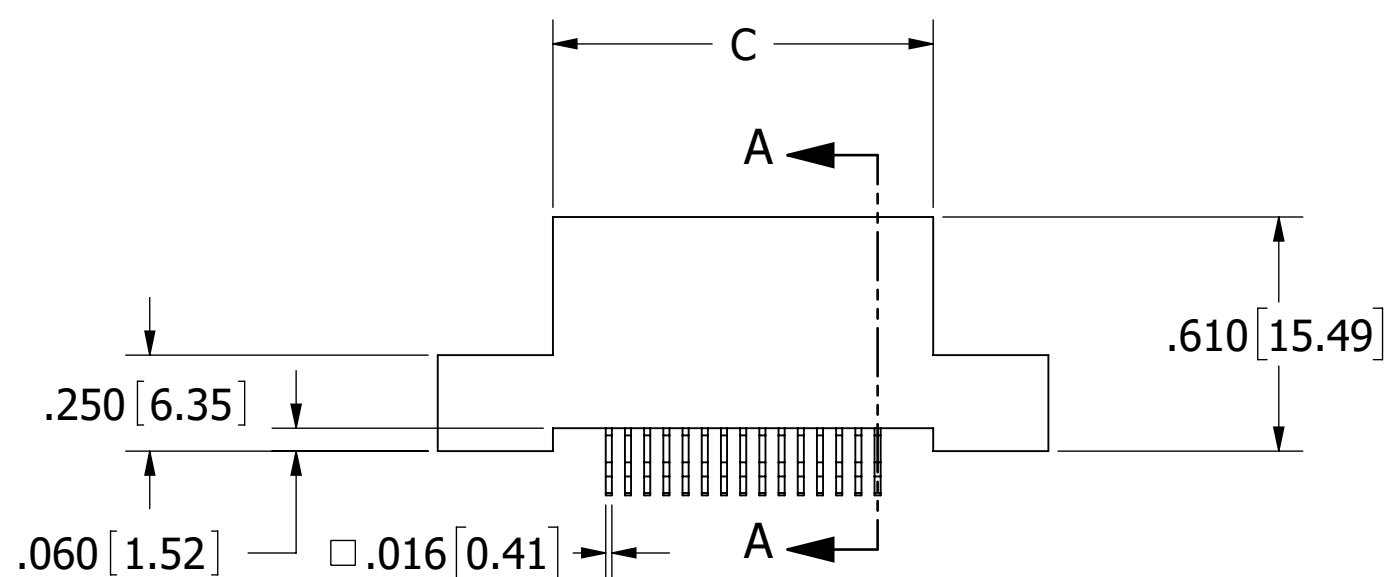
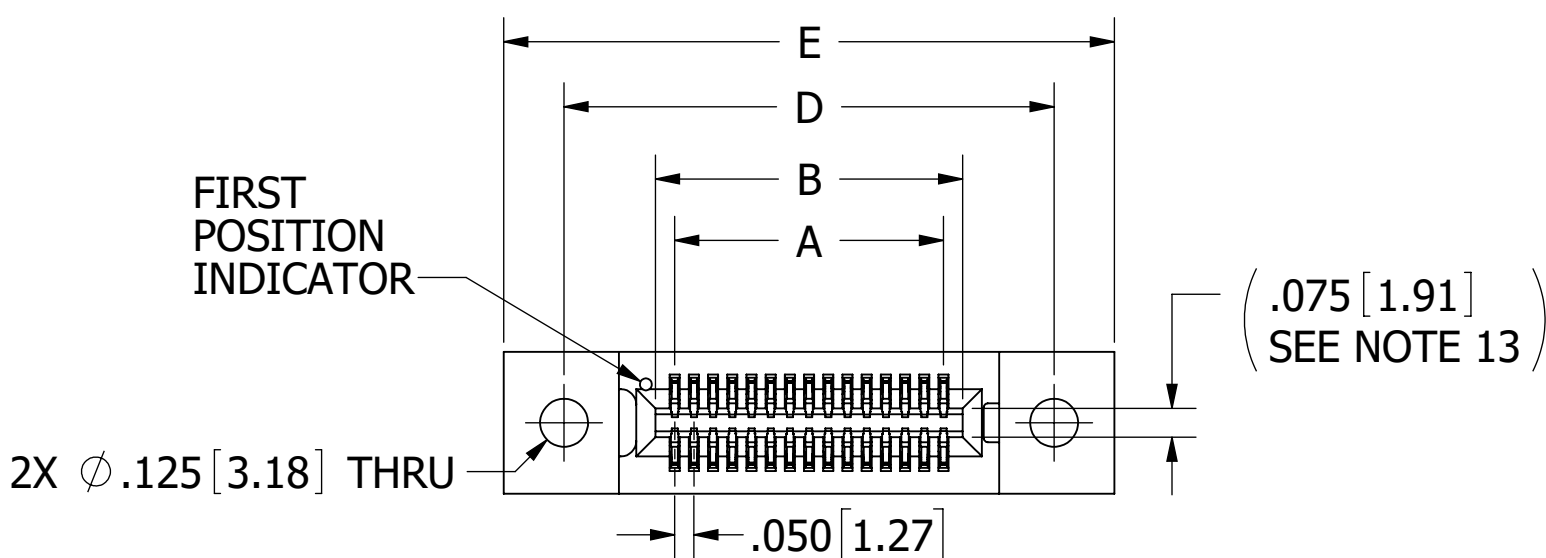
PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
M = .000030" GOLD	.000010" GOLD OVERALL

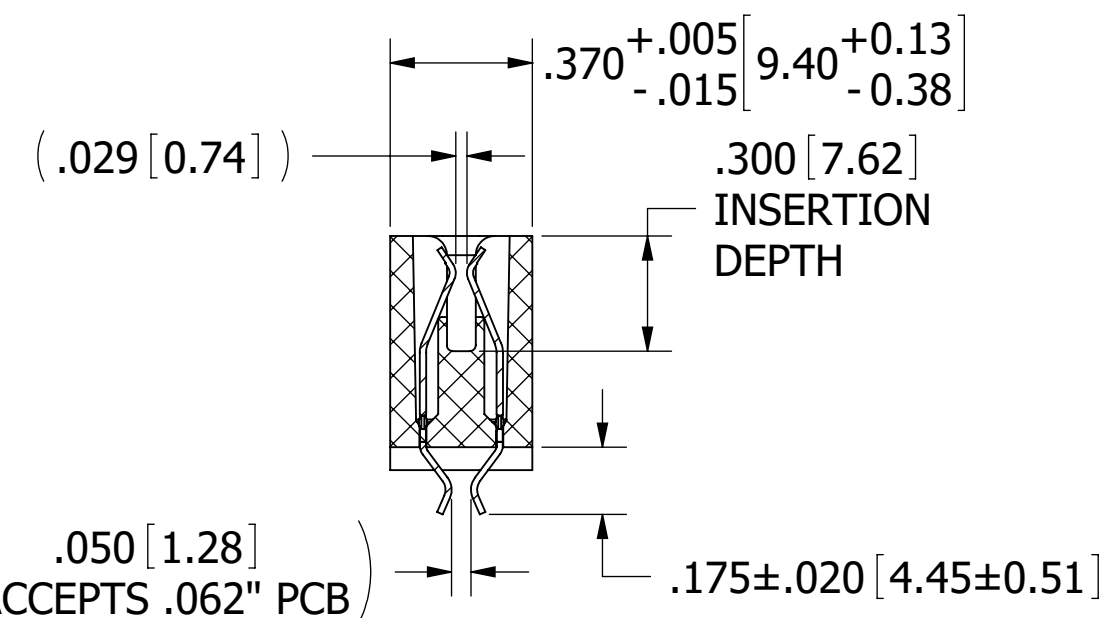
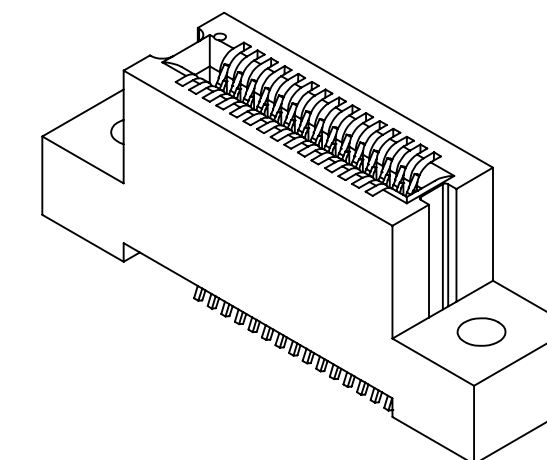
MOUNTING STYLE

- D = FLUSH MOUNTING (PAGE 1)
- N = NO MOUNTING EARS (PAGE 2)
- T = FLUSH MOUNTING, WITH THREADED INSERTS (PAGE 2)
- Q = STRADDLE MOUNT (PAGE 2)



__B__DYRD

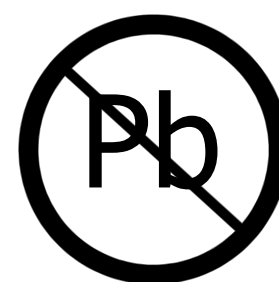
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
C	2847	ADD 'J' MATERIAL CODE OPTION	5/20/2014	JHSU
D	4285	CHANGE STRADDLE MTG SLOT FROM .075" TO .070", SIDE HOLE FROM $\phi .078$ " TO $\phi .081$ "	11/24/2020	JH
E	4402	UPDATED DIMENSION TABLE TO INCLUDE ALL POSITIONS	7/22/2021	NBY



SECTION A-A

NOTES:

1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 300 VAC
8. CURRENT RATING: 1 AMP PER CONTACT
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: $.062 \pm .008 [1.57 \pm 0.20]$
14. INSERTION FORCE: 6 OZ MAX PER CONTACT PAIR WHEN USING A $.062 [1.57]$ TEST BLADE
15. WITHDRAWAL FORCE: 1/2 OZ MIN PER CONTACT PAIR USING $.062 [1.57]$ PCB

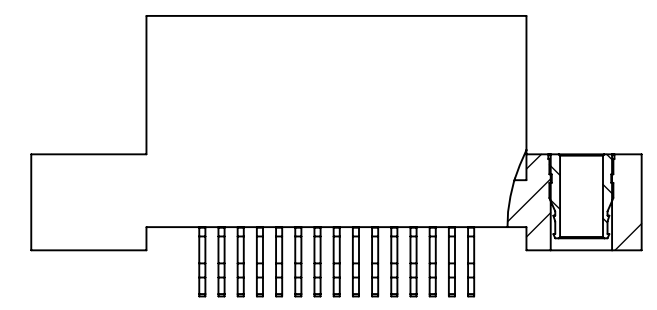
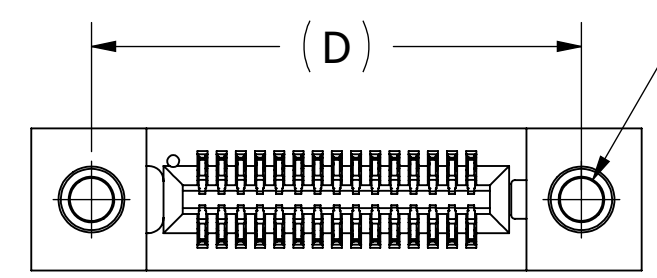


RoHS COMPLIANT

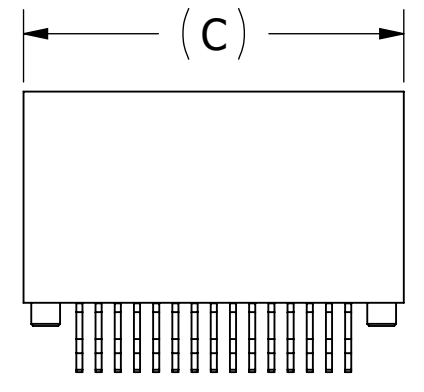
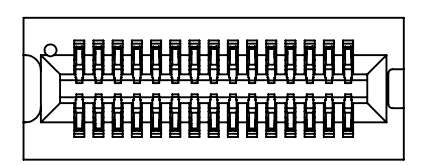
CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
			01/06/10	TT		
TOLERANCES:					<small>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.</small>	
ANGULAR: $\pm 1^\circ$					TITLE EDGECARD, .050" CC, HP	
DECIMALS .XX = $\pm .02 [5]$.XXX = $\pm .005 [13]$.XXXX = $\pm .0005 [013]$					PART NUMBER __B__DYR__	
		SIZE C		CAGE CODE 54453	DWG. NO. C11421	REV E
		SCALE: 2:1		SHEET 1 OF 3		

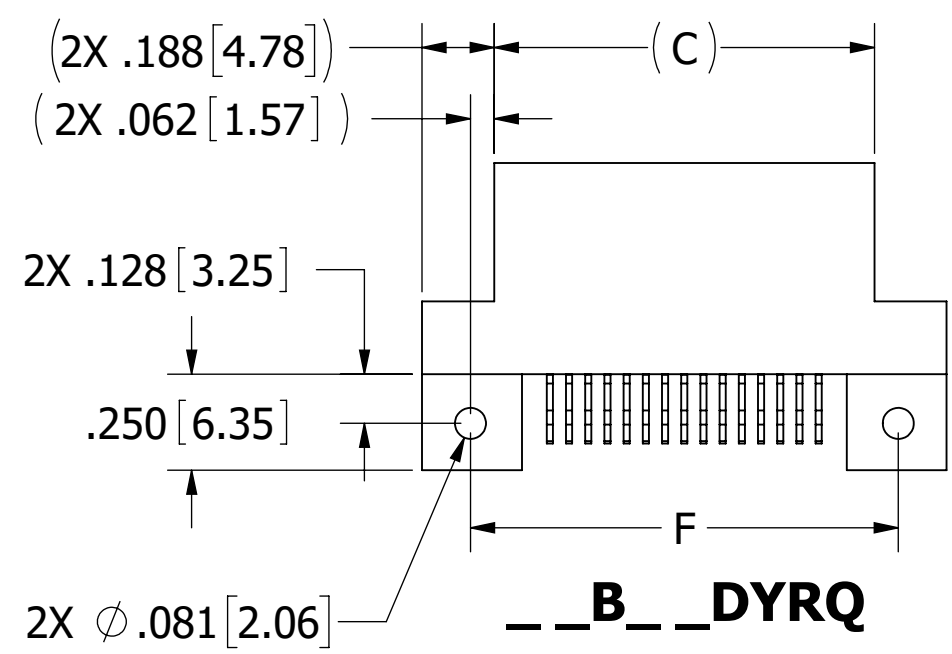
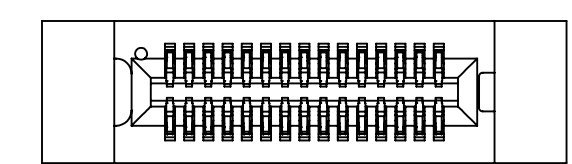
2X #4-40
THREADED
INSERTS



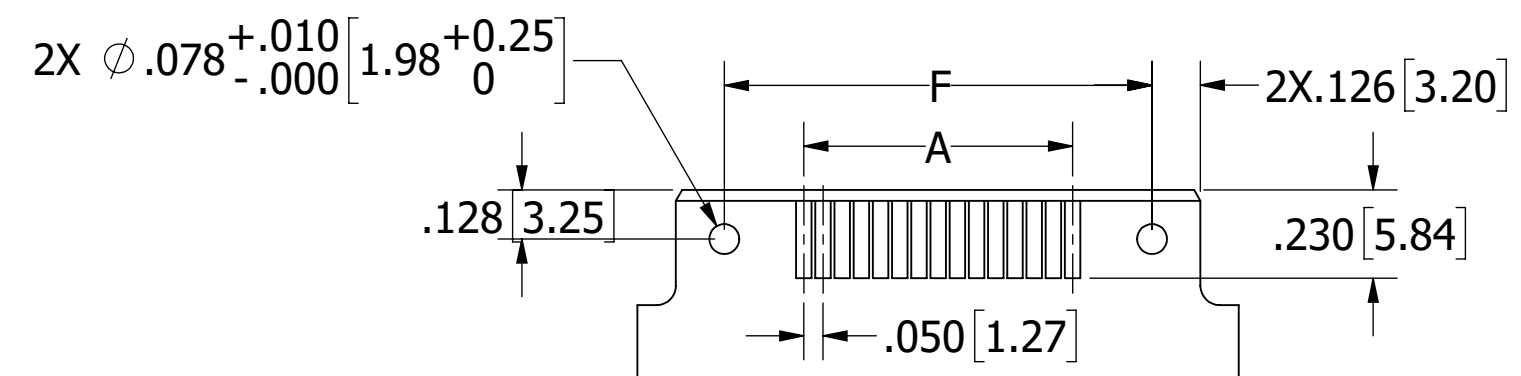
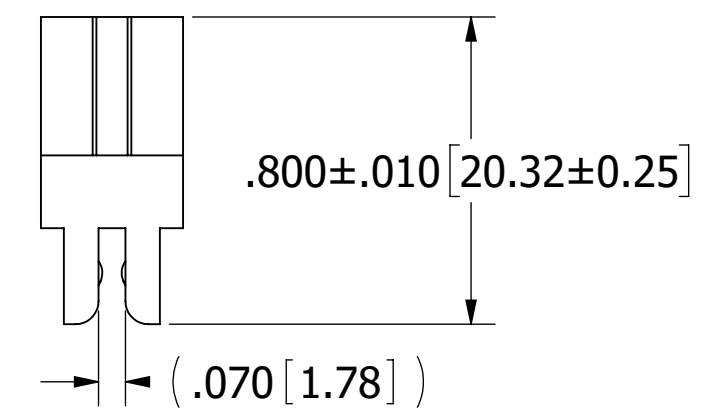
__B__DYRT



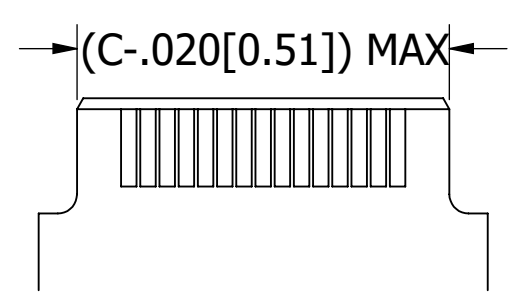
__B__DYRN



__B__DYRQ



**PCB LAYOUT RECOMMENDED
(FOR __B__DYRQ)**



**PCB LAYOUT RECOMMENDED
(FOR __B__DYRD OR __B__DYRT)**

CUSTOMER COPY



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR: ± 1°
DECIMALS
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
.XXXX = ± .0005 [.013]

DRAWN	DATE	NAME
	01/06/10	TT
<small>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.</small>		

SULLINS CONNECTOR SOLUTIONS		
TITLE EDGE CARD, .050" CC, HP		
PART NUMBER __B__DYR__		
SIZE C	CAGE CODE 54453	DWG. NO. C11421
SCALE: 2:1	SHEET 2 OF 3	

