

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
(CONSULT FACTORY FOR SPECIAL SOLDERING GUIDELINES)
*AVAILABLE IN 'M' PLATING ONLY

NUMBER OF POSITIONS
(CONTACTS PER ROW)

PLATING

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

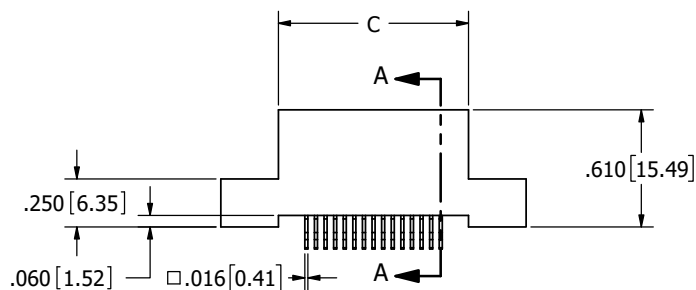
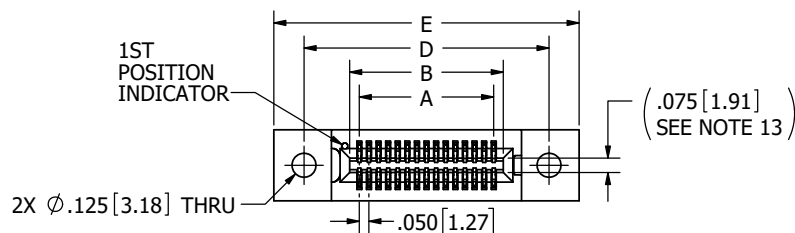
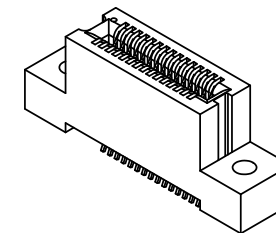
CONTACT SURFACE	TERMINATION
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
M = .000030" GOLD	.000010" GOLD OVERALL

MOUNTING STYLE

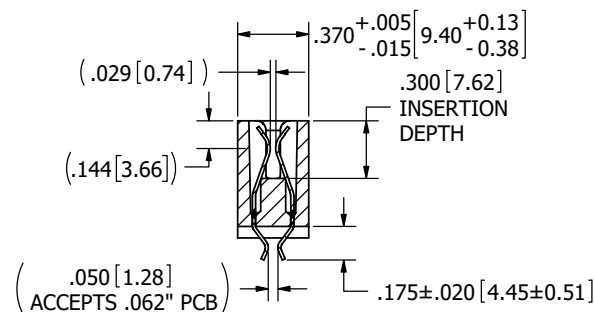
- D = FLUSH MOUNTING (PAGE 1)
- N = NO MOUNTING EARS (PAGE 2)
- T = FLUSH MOUNTING, WITH THREADED INSERTS (PAGE 2)
- Q = STRADDLE MOUNT (PAGE 2)

REVISIONS

REV.	ECO. NO	DESCRIPTION	DATE	BY
F	4614	ADD 'X' MATERIAL, INCREASE CONTACT SURFACE RADIUS BIGGER	1/5/2023	JH
H	4626	UPDATE NOTE 11 (WAS '500 CYCLES'), UPDATE NOTE 8 (REMOVE 'PER CONTACT')	2/9/2023	MM
J	4668	REMOVE 'X' MATERIAL	5/11/2023	JH



__ B __ DYRD



SECTION A-A

NOTES:

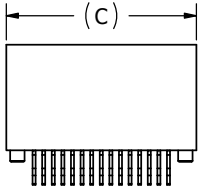
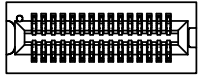
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 300 VAC
8. CURRENT RATING: 1 AMP
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS
11. DURABILITY: 5000 CYCLES MINIMUM
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
13. BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20]
14. INSERTION FORCE: 6 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE
INTERNAL INSPECTION TO BE PER SULLINS WORK INSTRUCTION WI-8.6-03
15. WITHDRAWAL FORCE: 1/2 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE



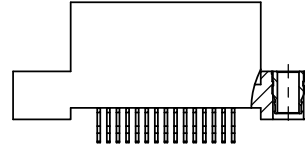
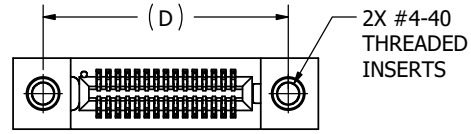
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [5] .XXX = ± .005 [13] .XXXX = ± .0005 [013]			01/06/10	TT	
TITLE EDGE CARD, .050" CC, HP					REV
PART NUMBER __ B __ DYR					REV
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453	C11421	J		
SCALE: 2:1		SHEET 1 OF 3			

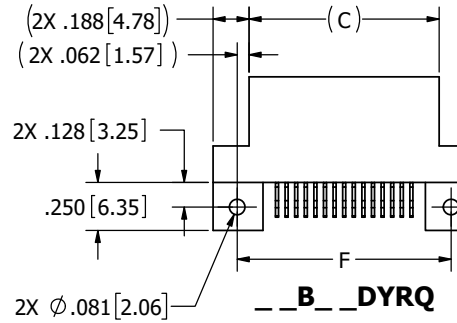
CUSTOMER COPY



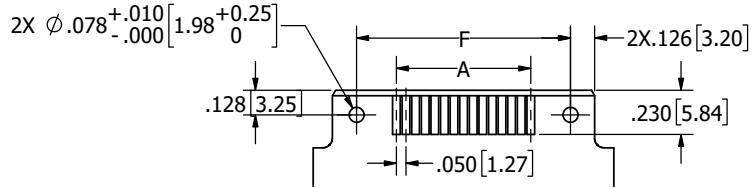
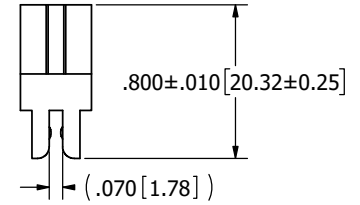
__B__DYRN



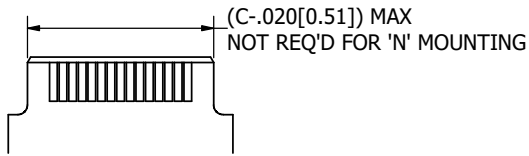
__B__DYRT



__B__DYRQ



**PCB LAYOUT RECOMMENDED
(FOR __B__DYRQ)**



**PCB LAYOUT RECOMMENDED
(FOR __B-DYRN, __B-DYRD OR __B-DYRT)**

CUSTOMER COPY



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			01/06/10	TT	
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					EDGE CARD, .050" CC, HP
PART NUMBER					__B__DYR__
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453	C11421	J		
SCALE: 2:1			SHEET 2 OF 3		

