

1 2 3 4 5 6 7 8  
**SAMZO REAC/ROHS**

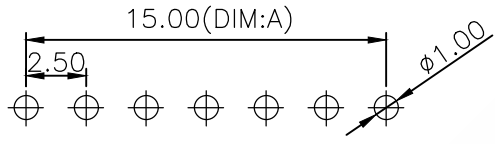
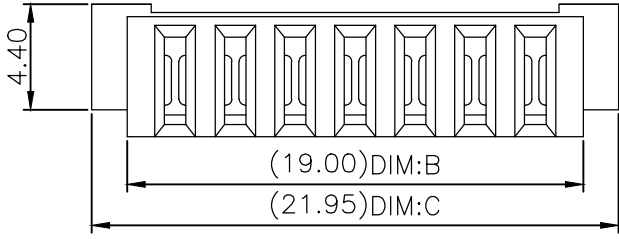
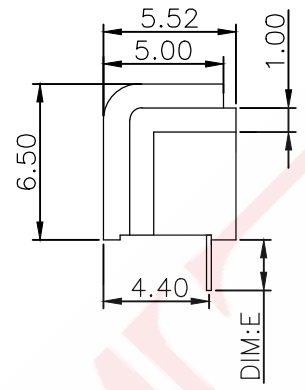
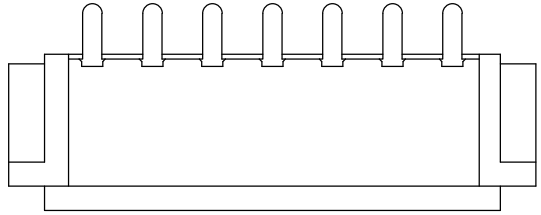
REV	ECN NO	DESCRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	Replace frame			2018.06.14

**33 F 4 1 \* 3 5 0**  
 (A) (B) (C) (D) (E) (F) (G) (H)

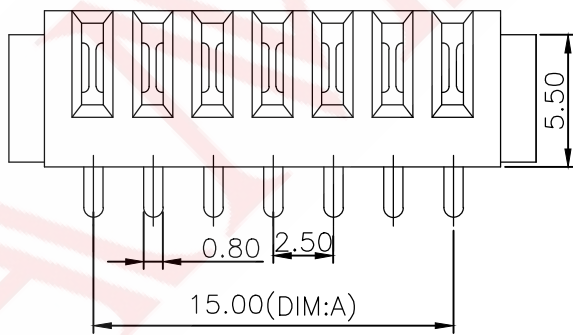
A. Series: 33: 2.5 Pitch Series  
 B. Spring contact pitch: F - 2.5mm  
 C. Fixing method: 4 - Horizontal Mounting  
 D. Product height: 1 - H5.52mm  
 E. PIN NO: 2-2P/3-3P/8-9P/... 0-10P/1-11P  
 F: Main body material: 3 -PA9T  
 G: Spring contact material: 5 - COPPER ALLOY  
 H: Mold code: 0 - convention

E  
D  
C  
B  
A

E  
D  
C  
B  
A



Recommended P.C.B Layout  
 Layout Tolerance =  $\pm 0.05$ mm



No. of pins	Dimension				
	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
02	2.50	7.50	8.45	2.50	1.7/3.0
03	5.00	9.00	11.95	5.00	1.7/3.0
04	7.50	11.50	14.45	7.50	1.7/3.0
05	10.00	14.00	16.95	10.00	1.7/3.0
06	12.50	16.50	19.45	12.50	1.7/3.0
07	15.00	19.00	21.95	15.00	1.7/3.0
08	17.50	21.50	24.45	17.50	1.7/3.0
09	20.00	24.00	26.95	20.00	1.7/3.0
10	22.50	26.50	29.45	22.50	1.7/3.0
11	25.00	29.00	31.95	25.00	1.7/3.0

NOTE:  
 1. MATERIAL:  
 HOUSING: HI-TEMP PLASTIC, UL 94V-0;  
 TERMINAL: COPPER ALLOY.  
 2. FINISH:  
 TERMINAL: NICKEL 50  $\mu$ M MIN UNDER PLATED  
 OVERALL, AU PLATED ON THE CONTACT AREA.  
 OR TIN ON THE SOLDERING AREA.  
 3. PRODUCT SPECIFICATION  
 CURRENT RATING :7A MAX. PER CONTACT.  
 VOLTAGE RATING : 250V  
 DIELECTRIC WITHSTANDING VOLTAGE:500VAC  
 INSULATION RESISTANCE: 1,000M $\Omega$  min.  
 CONTACT RESISTANCE: 30m $\Omega$  Max.  
 OPERATING TEMPERATURE: -40°C~105°C.

DESIGN	WANGGUIFA	2018.06.12	$\geq 2 \sim 4 <$	$\pm 0.15$	SCALE	1:1	UNIT	mm			
CHECKED	ZHENGUILAN	2018.06.12	$\geq 2 \sim 5 <$	$\pm 0.25$	<b>SAMZO COMPONENTS</b>						
APPROVED	LILIANJIANG	2018.06.14	$\geq 0 \sim 2 <$	$\pm 0.15$				Electronic switch and connector manufacturer			
			$\geq 5$	$\pm 0.35$							

FIRST VIEW

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TITLE: BATTERY 2.5PITCH FEMALE BOARD TO BOARD CONNECTOR  
 DWG NO: 33F41-P001  
 PART NO: 33F41036D0  
 MODEL NO: 33F41-\*-350  
 NAME: DC CONN

1 2 3 4 5 6 7 8