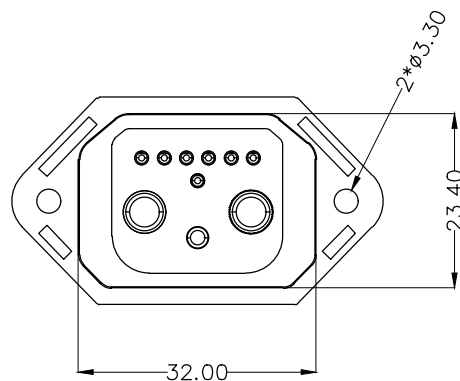
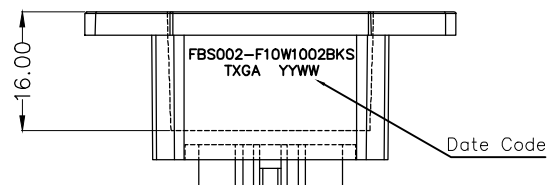
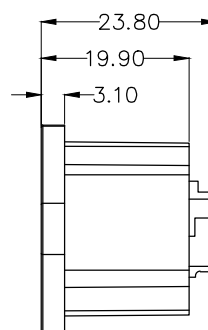
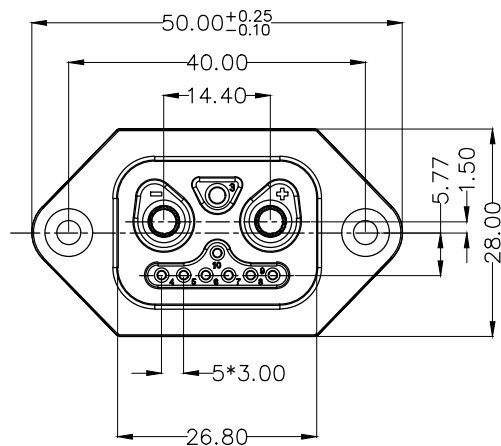




SPECIFICATIONS

Electrical

Current Rating: 45A AC(rms)/DC

Voltage Rating: 72V AC(rms)/DC

Contact Resistance: 5 mΩ Max(Power Pins)

10 mΩ Max(Signal Pins)

Insulation Resistance: 100 MΩ Min

Withstanding Voltage: 2500V AC(r.m.s)(Power Pins)

1000V AC(r.m.s)(Signal Pins)

Leakage Current Max.: 2 mA

Operating Temperature: -15°C~+105°C

Ingress Protection Grade: IP68

Material and plating

Housing: PA66/GF30 (UL 94V-0)

10A Contacts: Brass/Gold plated

20A Contacts: Brass/Silver Plating

45A Contacts: Brass/Silver Plating

Mechanical Tests

Mechanical Durability: 5000 mating cycles

Insertion Force: 3~12 kgf

Extraction Force: 4~8 kgf

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 07/JUN/23	PART NO. FBS002-F10W1002BKS	ITEM NO. FBS002	 Building Technology Cornerstone	
DESIGN UNITS mm		X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 07/JUN/23	TITLE Battery swappin connector 180° Vertical		REV 0	SHEET NO. 1/1
		X.X ±0.20	X.X* ±2°						
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 07/JUN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX ±0.10	X.XXX* ±0.5°						