

RoHS Compliant

REV.	ECN NO.	DESCRIPTION	REVISER	DATE
01		Initial width=6.25	FB.YANG	09/26/2011

Technical Data

Material:

Contact Material: Phosphor Bronze

Contact plating: Au or Sn Over 50μ" Ni

Insulator Material: Black Polyester UL94V-0

Standard: PA6T+30%G.F

Electrical:

Current rating: 1.5Amps/contact max.

Contact resistance: ≤20mΩ/contact

Insulation resistance: ≥1000MΩ at V=100V

Withstanding Voltage: 500V AC/minute

Mechanical:

Lead Size Accepted: 0.50mmSQ

Average insertion force: <200g

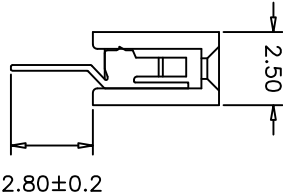
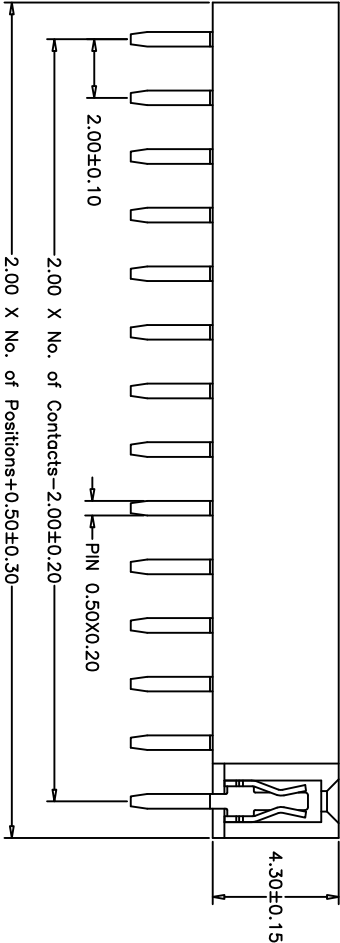
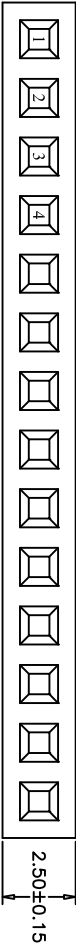
Average withdrawal force: >25g min

Mechanical life cycle: min.200

Operating temperatures:

Gold Plated: -55°C to +105°C

Tin plated: -40°C to +105°C



Recommended PCB Board Hole Layout

3S200-430-US-XX-M2-G1-PX-02

No. of Contacts
02-40 pins

Material	Plating Option	Packaging Option
M1 PBT	G1 G/F	P1-Plastic Bag/Box
M2 NYLON#6/ 66	G2 Au2μ"	P2-Tube
M3 NYLON 6T/9T	G3 Au3μ"	P3-Tube with cap
M4 LCP	G5 Au5μ"	P4-Trey
	G0 Au10μ"	P5-Tape&Reel with lift cap/film
	G7 Au15μ"	
	To-Tin 150μ"	

G1-Duplex Plating 1μ" gold
G5-Duplex Plating 5μ" gold
D0-Duplex Plating 10μ" gold
D7-Duplex Plating 15μ" gold

THIRD ANGLE PROJECTION		DRAWN BY: FB.YANG	
		CHECKED BY: GH.PANG	
ALL DIMENSIONS ARE IN MM		APPROVED BY: TONY.OU	
TOLERANCE UNSPECIFIED		DATE: 09/26/2011	
X. ±0.35		SHEET: 1 OF 1	
X.XX ±0.15		SCALE: 4:1	
X.XXX ±0.05		REV: 01	
X.X° ±2°		SIZE: A4	
		PART NUMBER: 3S200-430-US-XX-M2-G1-PX-02	



深圳市多维鑫电子有限公司
SHENZHEN TORVENIS ELECTRONIC CO.,LTD.

Female header 2.0mm Single Row 180°
DIP ,H=4.3mm