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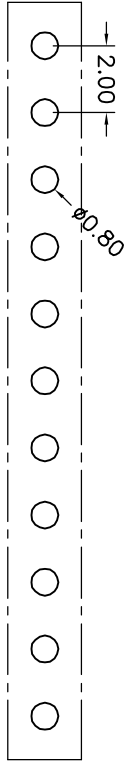
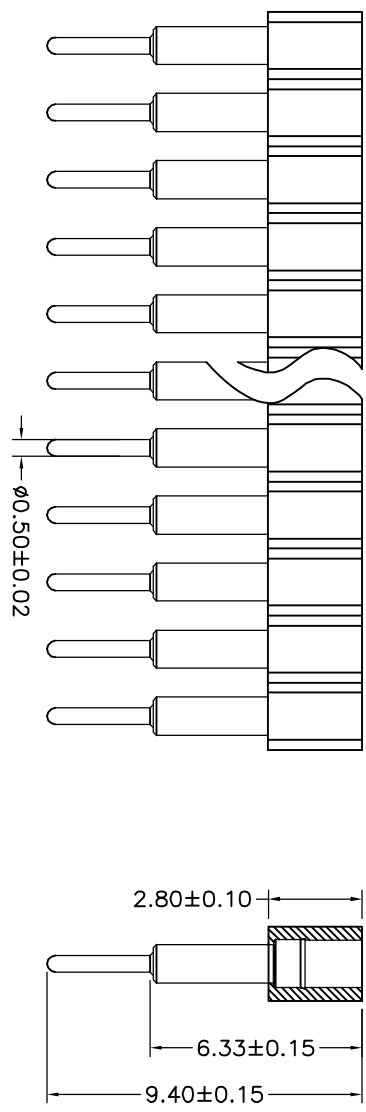
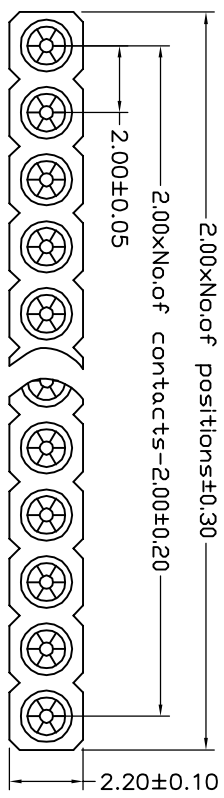
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P. C. B LAYOUT

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-23

Technical Data

Material: Pin (outer sleeve): Brass, machined CuZn38Pb2
 Plating(outer sleeve):
 Tin Plated: 2µm/80µm"Ni, 5µm/200µ"Sn
 Gold Plated: 2µm"/80µm"Ni, 0.8µ" gold
 Plating(Contact): 2µm/80µ"Ni, gold or Tin plated
 Insulator: PPS UL94V-0
 Clip(Contact 6 Flinger): Beryllium copper, heat teated
 Mating pin □: 0.40mm/0.66mm

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: Max. 10MΩ
 Dielectric strength: Min. 1000V

Mechanical:

Average Insertion force with steel pin of □0.432: <90g
 Average withdrawal force with steel pin of □0.432: >25g
 Mechanical lige: min 500 cycle
 Operating temperature: -40° C to +105° C
 Soldering temperature: +255° C

Q271	X	X	-	X	XX	XX	XX	XXXX	X
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Pitch(mm) A=1.27 B=1.278 C=2.00 D=2.54	Insulator Type code 1=Single row 2=Double row 3=Three row	Angel Options D=180° R=90° S=SMT T=TC	No. of Positions XX positions	Pin plated T1=Tin 150µ" T2=Tin 200µ" G1=6/F G2=Gold 3µ" G3=Gold 10µ" G4=Gold 15µ" G5=Gold 30µ"	CLIP plated T1=Tin 150µ" T2=Tin 200µ" G1=6/F G2=Gold 3µ" G3=Gold 10µ" G4=Gold 15µ" G5=Gold 30µ"	Pin Length Options 0940=9.40mm	Specifications A=Public seat B=Female seat
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TOLERAVCE	PROJ ECTION	TITLE:
X, XXX ±0.05 X, XX ±0.15 X, X ±0.20 X, ±0.30 ANGLE ±5.0°	DATE: 2016-4-23 DRAWN: TANG-S-G CHECKED: APPROVED:	Single row socket connector 2.00mm 1=9.40mm PART NO: QZTC1-DXXXXXX0940B DRAWING NO: 2016042305

REV: A0 UNIT: mm SCALE: full SIZE: A4