

# WORLDPO

(0.50mm) .0197" PITCH • WQTH/WQSH SERIES



**WQTH**  
Board Mates:  
WQSH

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Board Mates:  
WQTH

WQTH	-	2	X	PINS PER ROW NO. OF PAIRS	LEAD STYLE	PLATING OPTION	TYPE	A	OTHER OPTIONS	"X"R
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**30, 60, 90**  
(60 total pins per  
bank = D)

**20, 40, 60**  
(20 pairs per bank  
= DDP)

**Specify  
LEAD  
STYLE  
from  
chart**

**F**  
= Gold flash  
on contact,  
Matte Tin on tai

**L**  
= 10 μ" (0.25 μm)  
Gold on contact,  
Matte Tin on tail

**C**  
= 50 μ" (1.27 μm)  
Electro-Polished  
Selective Gold  
on contact,  
Matte Tin on tail

**D**  
= Single-  
Ended

**DDP**  
= Differential  
Pair  
(H01 only)

**K**  
= (7.00 mm)  
.275" DIA  
Polyimide film  
Pick &  
Place Pad  
(Not available  
with H05 & H07  
lead style)

**L**  
= Latching  
Option  
(H01 lead  
style only)  
(Not available  
on 60 (DDP)  
& 90)

Leave blank for  
Tray Packaging

**TR**  
=Tape & Reel  
(Not available  
with H05 & H07  
lead style)

**FR**  
= Full Reel  
Tape & Reel  
(Not available  
with H05 & H07  
lead style)

## SPECIFICATIONS

**Insulator Material:**  
Liquid Crystal Polymer

**Contact Material:**  
Phosphor Bronze

**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni

**Current Rating:**  
Contact:  
2 A per pin (2 pins powered)  
Ground Plane:  
25 A per ground plane  
(1 ground plane powered)

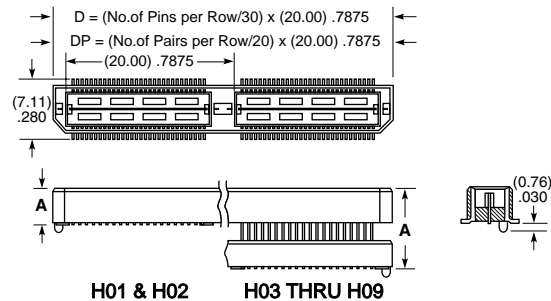
**Operating Temp Range:**  
-55 °C to +125 °C

**Voltage Rating:**  
175 VAC (5 mm Stack Height)

**Max Cycles:**  
100

WQTH LEAD STYLE	A	HEIGHT WITH WQSH
H01	4.27	5.00
H02	7.26	8.00
H03	10.27	11.00
H04	15.25	16.00
H05	18.26	19.00
H07	24.24	25.00
H09	13.26	14.00

\*Processing conditions will affect mated height.



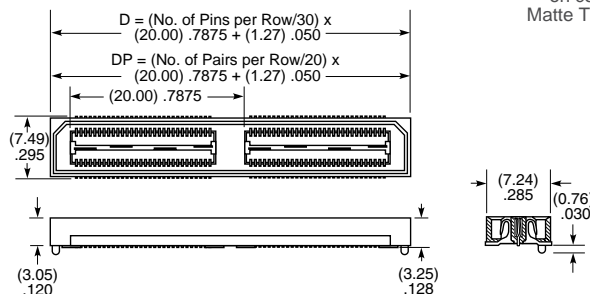
View complete specifications at: [www.worldpo.com?WQTH](http://www.worldpo.com?WQTH)

## PROCESSING

**Lead-Free Solderable:**  
Yes

## STANDARD

Visit [www.worldpo.com](http://www.worldpo.com)  
for more information.



View complete specifications at: [www.worldpo.com?WQSH](http://www.worldpo.com?WQSH)