



### Electrical & Environmental Characteristics

Impedance	50 Ohm
Operating Frequency	DC-110 GHz
Connector	1.0 mm Female
Insertion Loss	0.05* $\sqrt{f_{GHz}}$
Return Loss	$\geq 19$ dB, DC to 40 GHz
	$\geq 15$ dB, 40 GHz to 67 GHz
	$\geq 10$ dB, 67 GHz to 110 GHz
Operating Temperature	-40~+165°C

### Material & Coat-Plating

Contact	BeCu C17300 GOLD PLATE
---------	------------------------

THIS DRAWING IS A CONTROLLED DOCUMENT

DWN

CHK

Turpanic Co, Ltd ,Inc

Unit	TOLERANCES UNLESS OTHERWISE SPECIFIED	APVD
mm	0 PLC $\pm 0.25$	
	1 PLC $\pm 0.15$	
	2 PLC $\pm 0.12$	
	3 PLC $\pm$	PRODUCT SPEC
	3 PLC $\pm$	
	ANGLES $\pm 1^\circ$	

APPLICATO

**1.0-KFDELPEI**  
**1.0mm female for PCB end launch**