TECHNICAL DATA // Series 7860 • 7860/G

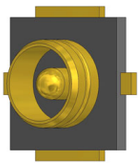
PTR HARTMANN
A Phoenix Mecano Company

High Frequency Test Probe - Impedance 50 Ohm - up to 6 GHz

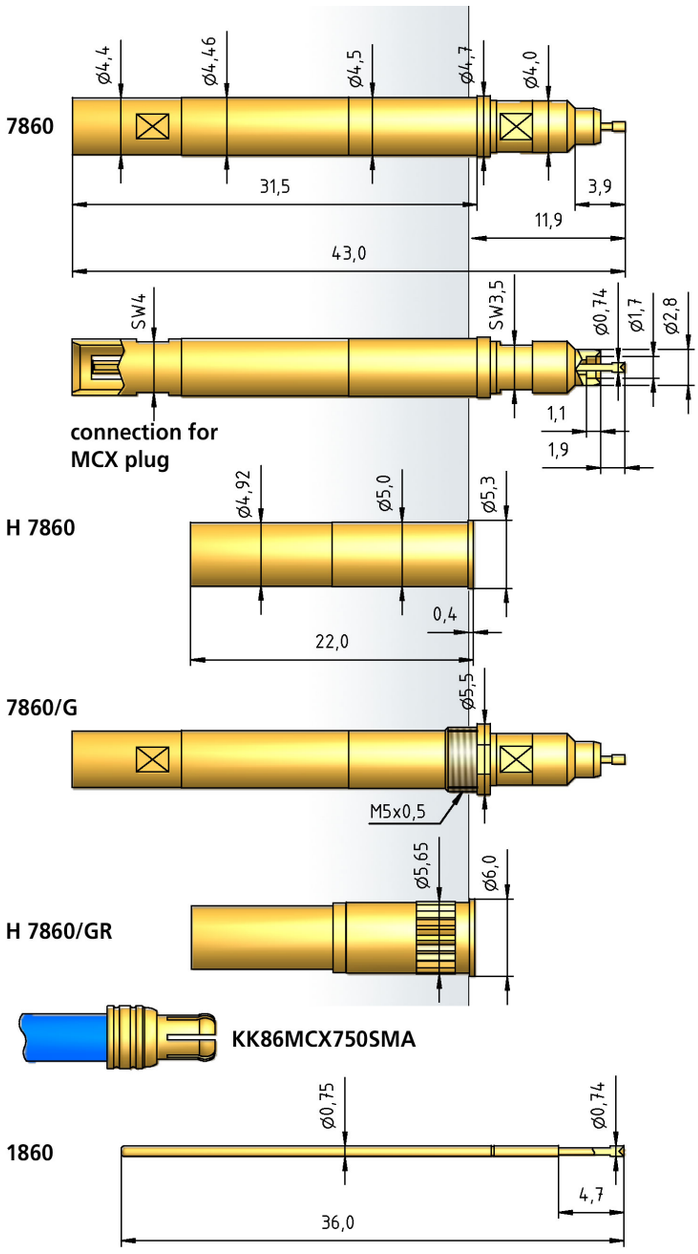
HIGHLIGHTS	
For high frequency measurements	
Compact design	
Also screwable type available	
Inner conductor and outer tip are independently of each other and interchangeable	
MECHANICAL DATA - Inner Conductor	
Full travel	3.70 mm
Working travel	2.00 mm
Pre-loaded spring force	0.65/ 0.95 N
Spring force at working travel	1.30/ 2.00 N
MECHANICAL DATA - Outer Conductor	
Full travel	5.00 mm
Working travel	4.00 mm
Pre-loaded spring force	1.50/3.00/4.00 N
Spring force at working travel	4.00/6.00/8.00 N
TOTAL SPRING FORCE	
Total spring force by working travel	5.30/ 6.00/ 7.30/ 8.00/ 9.30/ 10.00 N
ELECTRICAL DATA - Inner Conductor	
Impedance	50 Ohm
Frequency range	up to 6 GHz
TEST APPLICATION	
Device under test (DUT)	U.FL-m
Gender	male / plug
MATERIALS	
Barrel	Brass, gold-plated
Plunger	CuBe, gold-plated
AVAILABLE SCREW TOOLS	
Article Designation	max. Tip Diameter
WFS 7860/G-8.0	8.0
CABLE DATA	
Type	Multiflex 86
Length	750 mm
Connection test probe	MCX
Connection testing technology	SMA

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U.FL-m



KK86MCX750SMA

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HOW TO ORDER - Inner Conductor

1860	-	A	-	1.3 N	-	Au	-	0.74	C
1		2		3		4		5	6

1. Series 2. Tip Style 3. Spring Force
4. Tip Plating 5. Tip Diameter 6. Tip Material (only for CuBe)

HOW TO ORDER - Complete Test Probe

7860/	G	-	Z3	A	-	5.3 N	-	Au	-	2.8/	0.74	C
1		2	3	4		5		6		7	8	9

1. Series 2. Variant Threaded Design 3. Outer Conductor Tip
4. Inner Conductor Tip 5. Total Spring Force
6. Tip Plating 7. Outer Tip Diameter 8. Inner Tip Diameter
9. Tip Material (only for CuBe)