Technical Data // Series 3010/2W

PTR HARTMANN
A Phoenix Mecano Company

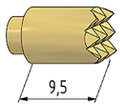
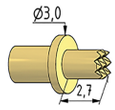
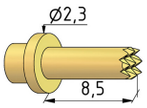
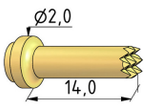
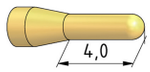
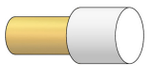
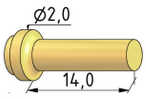
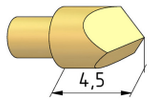
Switching Test Probe 160 mil / 4.0 mm - Switching Travel 1.7 mm

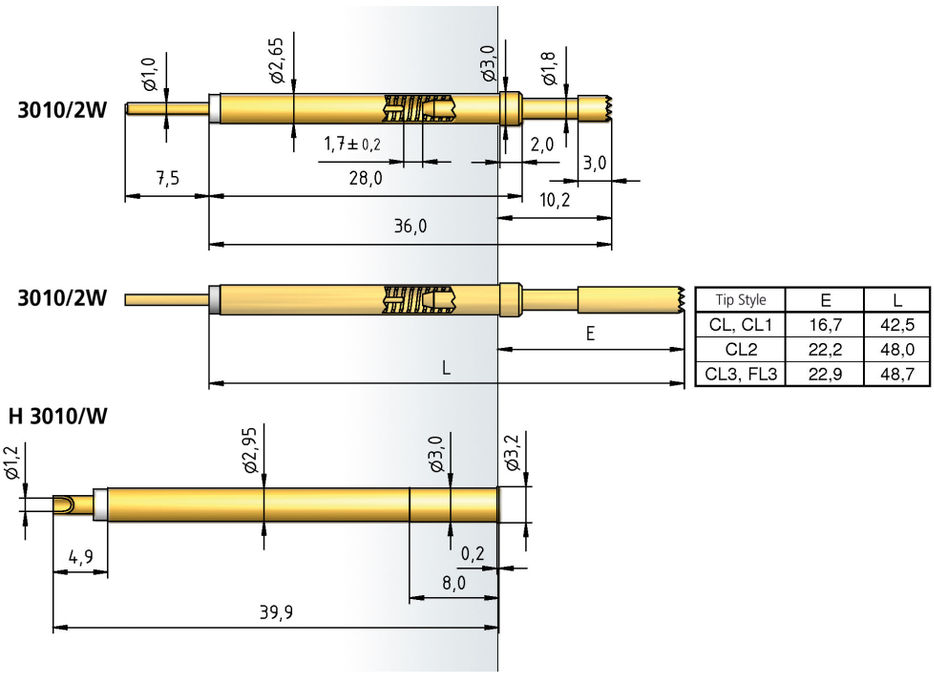
HIGHLIGHTS	
Test Probe with switching function for cable harness test and presence verification	
Plug-in and threaded type available	
Switching travel 1.7 mm (4.0 mm on request)	
High soldering temperature up to 300°C	
MECHANICAL DATA	
Center	4.00 mm/160 mil
Full travel	5.00 mm
Working travel	4.00 mm
Switching travel	1.70 mm
Pre-loaded spring force	0.12/ 0.25/ 0.30/ 0.40/ 0.60/ 1.80/ 1.40/ 1.70/ 2.00/ 2.00/ 5.00/ 4.00 N
Spring force at working travel	1.25/ 1.75/ 2.30/ 2.80/ 4.00/ 7.00/ 7.50/ 9.00/ 9.50/ 10.50/ 13.00/ 13.50 N
Spring force at switching travel	0.20/ 0.45/ 0.75/ 1.00/ 1.60/ 3.60/ 3.60/ 4.40/ 4.80/ 5.20/ 8.00/ 7.60 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Receptacle-Plunger	
Max. current rating	5.0 A
Typical continuity resistance	<= 15 mOhm
Pin-Plunger	
Max. current rating	1.0 A
Typical continuity resistance	<= 50 mOhm
Electric strength	1.000 V
MATERIALS	
Barrel	Brass, gold-plated
Spring	Spring Steel, gold-plated
Plunger	Steel
Receptacle	Brass, gold-plated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (trolitax)	3.00 mm
HGW 2372 (glass filled material)	3.01 mm

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TIP STYLE - DIAMETER - PLATING

				
A	C	C	CL	C1
2.30 Au	1.80 Au	2.30 Au 3.00 Au 4.00 Au	2.30 Au	1.00 Au
				
CL1	CL2	CL3	D6	F
1.00 Au	1.80 Au	1.00 Au	1.00 Au	1.80 Au
				
F	F1	FL3	H2	
2.00 Au 2.30 Au	2.30 HTK 3.00 HTK 4.00 HTK 5.00 HTK	1.00 Au	2.60 Au	



Tip Style	E	L
CL, CL1	16,7	42,5
CL2	22,2	48,0
CL3, FL3	22,9	48,7

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HOW TO ORDER

3010/	2	W	-	A	-	2.3 N	-	Au	-	2.3/	1.0x	7.5
1	2	3		4		5		6		7	8	9

1. Series 2. Collar Height 3. Interchangeable without Soldering
4. Tip Style 5. Spring Force 6. Tip Plating
7. Tip Diameter 8. Connector Pin Diameter
9. Connector Pin Length