Technical Data // Series 1012/E

PTR HARTMANN
A Phoenix Mecano Company

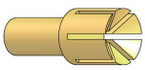
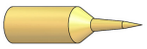
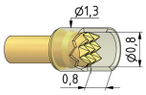
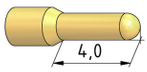
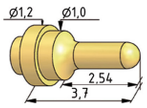
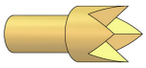
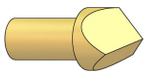
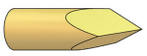
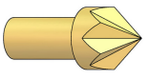
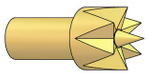
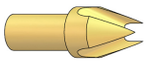
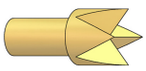
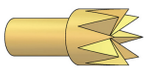
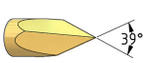
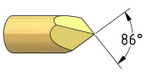
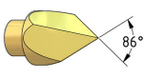
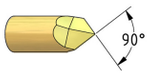
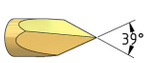
HPL-Test Probe with High Pre-Loaded Spring Force 75 mil / 1.91 mm

HIGHLIGHTS	
Contacting of assembled, unleaded PCBs	
High initial pressure	
Large penetration depth	
MECHANICAL DATA	
Center	1.91 mm/75 mil
Full travel	6.40 mm
Working travel	4.30 mm
Pre-loaded spring force	1.20/ 1.60 N
Spring force at working travel (order index H)	2.00/ 2.80 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Max. current rating	3.0...4.0 A
Typical continuity resistance	<= 20 mOhm
MATERIALS	
Barrel	Bronze, gold-plated
Spring	Spring Steel
Plunger	Steel, CuBe
Receptacle	Bronze, gold-plated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (trolitax)	1.30 mm
With pressed-in ring	1.36 mm
HGW 2372 (glass filled material)	1.32 mm
With pressed-in ring	1.37 mm

Technical Data // Series 1012/E

HPL-Test Probe with High Pre-Loaded Spring Force 75 mil / 1.91 mm

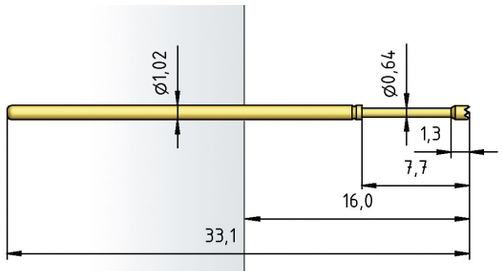
TIP STYLE - DIAMETER - PLATING

				
A	A6	B	BD	BST1
1.20C Au	1.20 Au	0.64 Au	0.61C Au	0.64 Au
				
BST2	C	CS1	D	D
0.64 Au	1.00 Au 1.20 Au	0.80/1.30C Au/POM	0.50C Au	0.64C Au
				
D3	F	G	H	H
0.50C Au	0.90C Au	1.15 Au	0.64 Au	1.00 Au 1.20 Au
				
H1	K	M1	M6	N
0.64 Au	1.20 Au	1.20 Au	1.30 Au	0.50 Au
				
Q	Q	Q	Q6F	Q8
0.50 Au	0.64 Au	0.80 Au 1.00 Au 1.15 Au	0.64C Au	1.20 Au
				
V	V1	V1	V5	VL2
0.64 Au	0.64 Au	0.80 Au	0.64 Au	0.64 Au

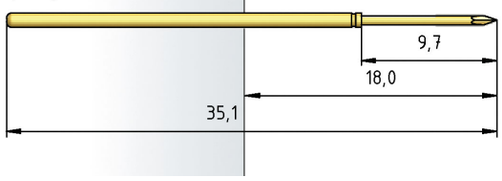
Technical Data // Series 1012/E

HPL-Test Probe with High Pre-Loaded Spring Force 75 mil / 1.91 mm

1012/E



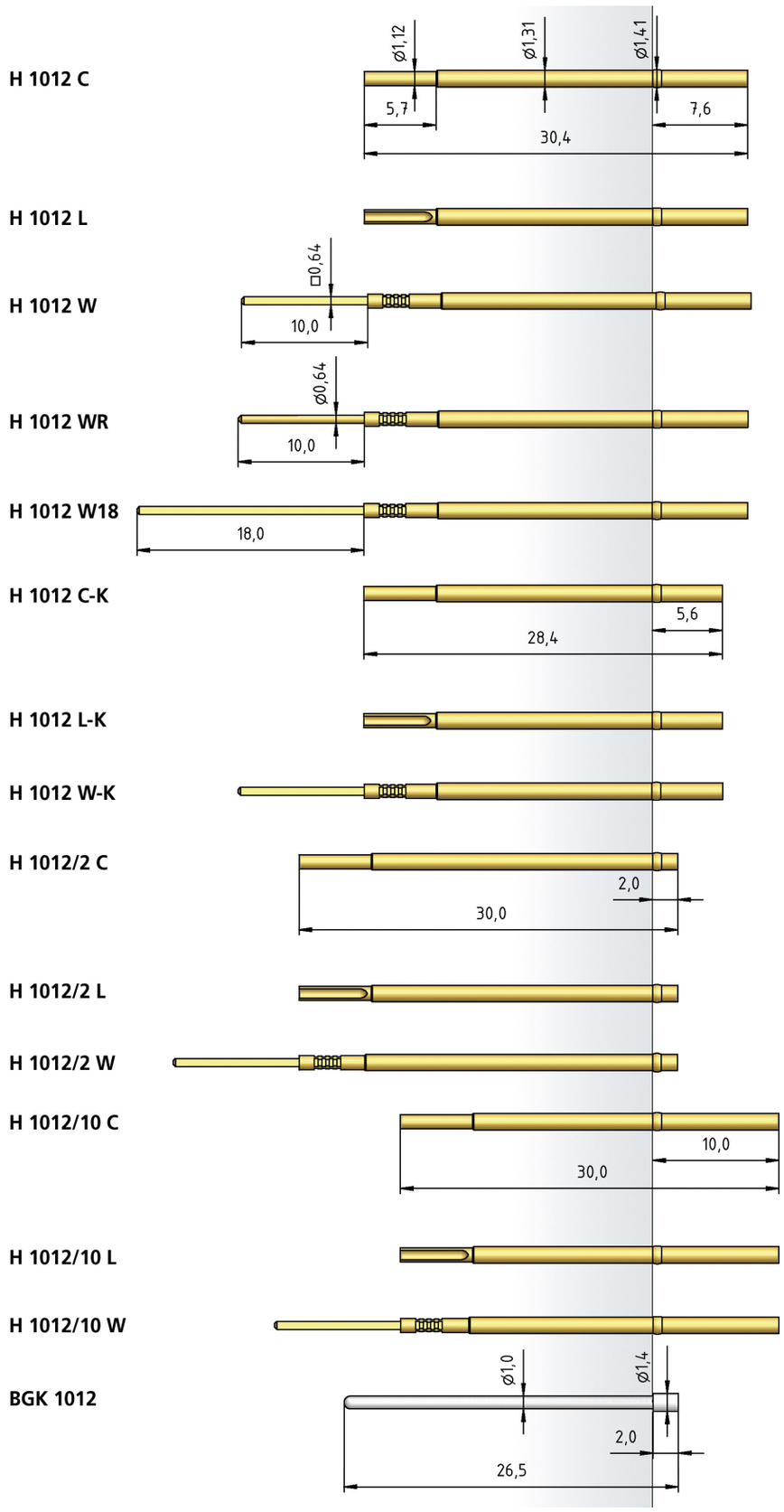
1012/E (for Tip Style VL2)



Technical Data // Series 1012/E

HPL-Test Probe with High Pre-Loaded Spring Force 75 mil / 1.91 mm

Receptacles 1012/E



HOW TO ORDER

1012/E	-	F	-	2.8 N	H	-	Au	-	0.9	C
1		2		3	4		5		6	7

1. Series 2. Tip Style 3. Spring Force
4. High pre-loaded Spring Force 5. Tip Plating
6. Tip Diameter 7. Tip Material (only for CuBe)