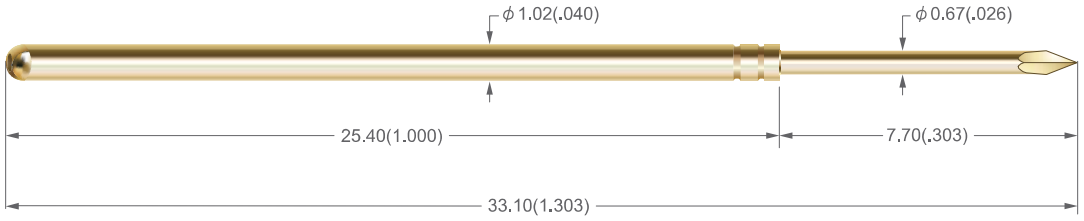
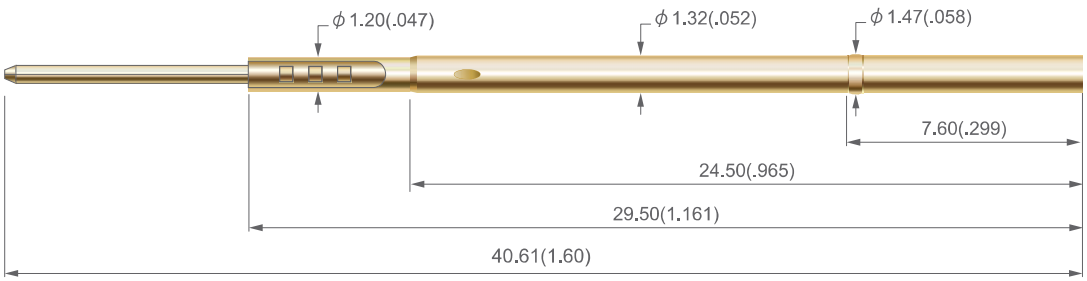
Standard Probe 75 Mil
TEX075

TEX075-09067-200-S



TEXR075



Materials

- Barrel: PhBr, gold plated
- Receptacle: Nickel Silver, gold plated
- Plunger: BeCu or Steel, gold plated
- Spring: Stainless Steel/Music wire, gold plated
- Square Post: Brass, gold plated

Spring Force

@4.00(.157)travel		
60g	[2.0oz]	[0.6N]
100g	[3.6oz]	[1N]
160g	[5.5oz]	[1.6N]
200g	[7.2oz]	[2N]
250g	[8.9oz]	[2.5N]
280g	[10.0oz]	[2.8N]

Probe Specifications

- Full Travel: 6.35(.250)
- Current Rating: 3~4A
- Minimum Centers: 1.91(.075)
- Operating Temp.: -40℃ to +120℃
- Ri Typical: ＜20mΩ

Mounting Hole Size

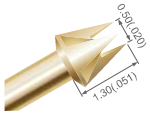
- by usage of press-ring: ⌀1.36-1.40mm(.0535-.0551)
- by usage with press-ring as collar: ⌀1.31-1.32mm(.0516-.0520)

Tip Style

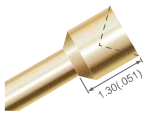
01067
⌀ 0.67(.026)

29120
⌀ 1.20(.047)
⌀ 1.30(.051)

36120
⌀ 1.20(.047)



01120
⌀ 1.20(.047)



30130
⌀ 1.30(.051)

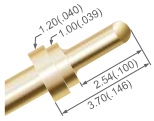
02067
⌀ 0.67(.026)

37067
⌀ 0.67(.026)

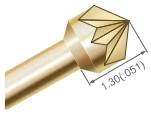
32120
⌀ 1.20(.047)

09067
⌀ 0.67(.026)

40120
⌀ 0.50(.020)



07120
⌀ 1.20(.047)



16067
⌀ 0.67(.026)

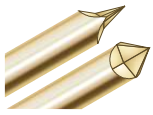
04067
⌀ 0.67(.026)

11067
⌀ 0.67(.026)

BV
⌀ 0.67(.026)

26067
⌀ 0.67(.026)

13067
⌀ 0.67(.026)



19067
⌀ 0.67(.026)

27100
⌀ 1.00(.039)
⌀ 1.30(.051)

14067
⌀ 0.67(.026)

21050
⌀ 0.50(.020)

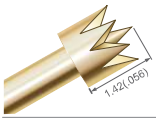
15120
⌀ 1.20(.047)
⌀ 1.50(.059)

17067
⌀ 0.67(.026)

28067
⌀ 0.67(.026)

37050
⌀ 0.50(.020)

30120
⌀ 1.20(.047)



20100
⌀ 1.00(.039)
⌀ 1.15(.045)

Ordering Example

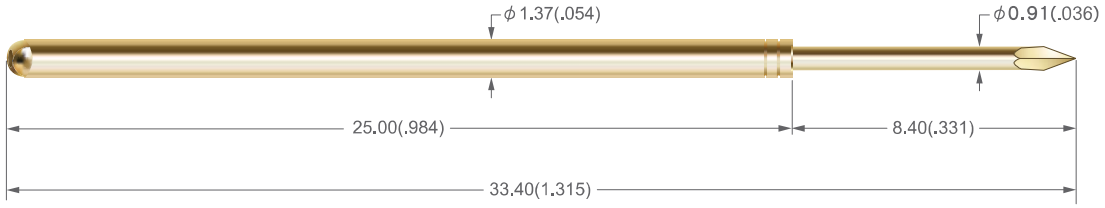
TEX	075	09	067	200	S
	Type	Tip Style	Tip Diameter (1/100mm)	Spring Force (g)	Tip Material

Receptacle

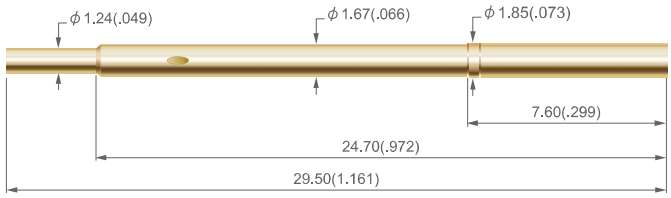
TEX R075

Standard Probe 100 Mil
TEX100

TEX100-09091-200-S



TEXR100



Materials

- Barrel: PhBr, gold plated
- Receptacle: Nickel Silver, gold plated
- Plunger: BeCu or Steel, gold plated
- Spring: Stainless Steel/Music wire, gold plated
- Square Post: Brass, gold plated

Probe Specifications

- Full Travel: 6.35(.250)
- Current Rating: 5~8A
- Minimum Centers: 2.54(.100)
- Operating Temp.: -40℃ to +120℃
- Ri Typical: ＜20mΩ

Spring Force

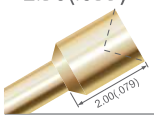
@4.00(.157)travel		
60g	[2.0oz]	[0.6N]
100g	[3.6oz]	[1N]
160g	[5.5oz]	[1.6N]
200g	[7.2oz]	[2N]
230g	[8.2oz]	[2.3N]
250g	[8.9oz]	[2.5N]
310g	[11.0oz]	[3.1N]
400g	[14.3oz]	[4N]
490g	[17.0oz]	[4.9N]

Mounting Hole Size

- Cem 1 and FR 4: ⌀1.70-1.75mm(.0669-.0689)

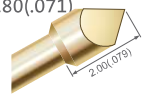
Tip Style

01150
⌀ 1.50(.059)



13091
⌀ 0.91(.036)

15130
⌀1.30(.051)
⌀1.50(.059)
⌀1.80(.071)



28091
⌀ 0.91(.036)

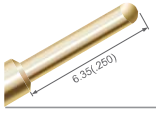
37091
⌀ 0.91(.036)

34310
⌀ 3.10(.122)

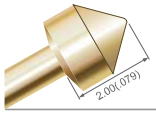
02091
⌀ 0.91(.036)

29120 130/150
⌀ 1.20(.047)
⌀ 1.30(.051)
⌀ 1.50(.059)

37050
⌀ 0.50(.020)



E250
⌀ 2.50(.098)

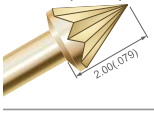


24050
⌀ 0.50(.020)

30130/150
⌀1.30(.051)
⌀1.50(.059)

38130
⌀ 1.30(.051)
⌀ 1.50(.059)

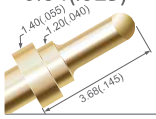
07170
⌀ 1.70(.067)



10130
⌀ 1.30(.051)

32130/150
⌀ 1.30(.051)
⌀ 1.50(.059)

40130
⌀ 0.64(.025)

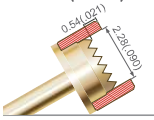


14091
⌀ 0.91(.036)

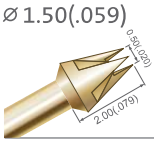
BT45
⌀ 0.91(.036)

11091
⌀ 0.91(.036)

35310
⌀ 3.10(.122)

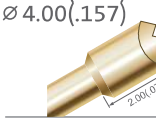


36150
⌀ 1.50(.059)



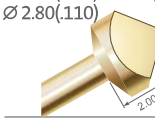
BV
⌀ 0.91(.036)

27200/400
⌀ 2.00(.079)
⌀ 4.00(.157)



04091
⌀ 0.91(.036)

15200/230/280
⌀ 2.00(.079)⌀ 2.30(.091)
⌀ 2.80(.110)

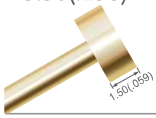


19091
⌀ 0.91(.036)

14091
⌀ 0.91(.036)

04150
⌀ 1.50(.059)

04350
⌀ 3.50(.138)



09091
⌀ 0.91(.036)

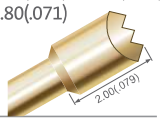
17091
⌀ 0.91(.036)

26091
⌀ 0.91(.036)

28050
⌀ 0.50(.020)

20130/150
⌀1.30(.051) ⌀1.50(.059)

27130/150/180
⌀1.30(.051)⌀1.50(.059)
⌀1.80(.071)



26065
⌀ 0.65(.026)

Ordering Example

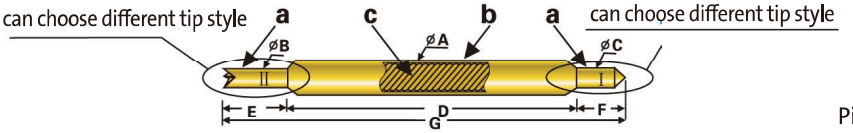
TEX	100	09	091	200	S
	Type	Tip Style	Tip Diameter (1/100mm)	Spring Force (g)	Tip Material

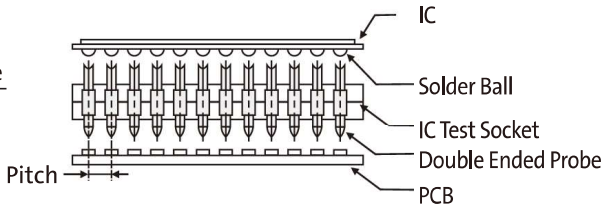
Receptacle

TEX R100

Double Ended Probe

Test Probe





Avaiable Tip Styles

Pitch	Part Number	Dimension(mm)							Spring Force	Current Rating	working travel	Bandwidth	Full travel
mm		A	B	C	D	E	F	G	g	A	mm	db@20GHz	mm
0.30	TEX020-B-B-5.70	0.20	0.10	0.10	4.00	1.10	0.60	5.70	15.00	3	0.65	-0.15	1.00
	TEX021-B-B-5.70	0.21	0.10	0.10	4.00	1.10	0.60	5.70	10.80	3	0.65	-0.15	1.00
0.35	TEX025-B-B-12.20	0.25	0.14	0.14	10.00	1.10	1.10	12.20	15.00	3	1.00	-0.15	2.20
	TEX026-B-F-5.70	0.26	0.12	0.12	4.00	1.10	0.60	5.70	20.00	3	0.50	-0.15	1.00
	TEX028-B-F-3.70	0.28	0.13	0.14	2.30	1.10	0.30	3.70	23.00	3	0.50	-0.15	0.70
	TEX028-B-F-5.70	0.28	0.13	0.13	4.00	1.10	0.60	5.70	25.00	3	0.65	-0.15	1.00
0.40	TEX030-E-D-4.30	0.30	0.15	0.15	3.00	0.65	0.65	4.30	25.00	3	0.35	-0.15	0.70
	TEX030-F-F-4.30	0.30	0.16	0.16	3.00	0.65	0.65	4.30	35.00	3	0.40	-0.15	0.60
	TEX030-D-B-4.80	0.30	0.15	0.15	3.20	1.10	0.50	4.80	25.00	3	0.55	-0.15	0.70
	TEX030-D-D-8.65	0.30	0.15	0.15	7.05	1.00	0.60	8.65	6.50	3	0.65	-0.15	1.60
	TEX030-D-D-8.90	0.30	0.15	0.15	7.05	1.20	0.65	8.90	30.00	3	1.20	-0.15	1.85
	TEX030-B-B-12.20	0.30	0.20	0.20	10.00	1.10	1.10	12.20	20.00	3	1.45	-0.15	2.20
	TEX031-B-F-3.30	0.31	0.16	0.16	2.30	0.60	0.40	3.30	25.00	3	0.50	-0.15	0.65
	TEX031-F-B-5.70	0.31	0.15	0.15	4.00	1.10	0.60	5.70	25.00	3	0.50	-0.15	0.80
	TEX031-D-F-5.70	0.31	0.16	0.16	4.00	1.10	0.60	5.70	22.00	3	0.65	-0.15	1.10
	TEX031-B-B-12.30	0.31	0.21	0.21	10.10	1.10	1.10	12.30	12.00	3	1.00	-0.15	2.20
0.50	TEX035-B-F-5.70	0.35	0.18	0.18	4.00	1.10	0.60	5.70	23.00	3	0.80	-0.15	1.10
	TEX035-F-F-6.97	0.35	0.23	0.17	5.59	0.74	0.64	6.97	35.00	3	0.50	-0.15	0.90
	TEX035-B-F-7.70	0.35	0.25	0.16	5.60	1.60	0.50	7.70	18.00	3	0.50	-0.15	1.00
	TEX038D-F-3.20	0.38	0.22	0.22	2.30	0.50	0.40	3.20	30.00	3	0.45	-0.15	0.70
	TEX038-E-E-4.80	0.38	0.22	0.22	3.20	1.10	0.50	4.80	30.00	3	0.60	-0.15	1.00
	TEX038-B-F-5.70	0.38	0.22	0.22	4.00	1.10	0.60	5.70	24.50	3	0.65	-0.15	0.80
	TEX038-E-D-5.90	0.38	0.22	0.22	4.00	1.30	0.60	5.90	30.00	3	0.65	-0.15	1.00
	TEX038-B-F1-11.50	0.38	0.20	0.20	9.00	1.60	0.90	11.50	38.00	3	1.00	-0.15	2.00
0.65	TEX046-B-D-8.90	0.46	0.25	0.25	7.05	1.20	0.65	8.90	30.00	3	1.20	-0.15	1.85
	TEX046-F1-B-10.40	0.46	0.28	0.28	7.60	1.90	0.90	10.40	70.00	3	1.30	-0.15	2.00
	TEX048-E-F-3.30	0.48	0.30	0.30	2.20	0.65	0.45	3.30	32.00	3	0.60	-0.15	0.65
	TEX048-D-F-5.70	0.48	0.25	0.25	4.00	1.10	0.60	5.70	23.00	3	0.70	-0.15	1.10
	TEX048-D-F-8.10	0.48	0.25	0.25	5.50	2.00	0.60	8.10	40.00	3	1.00	-0.15	1.50
	TEX050-D-F-3.40	0.50	0.30	0.30	2.30	0.55	0.55	3.40	33.00	3	0.30	-0.15	0.60
	TEX051-D-F-3.10	0.51	0.30	0.30	1.95	0.65	0.50	3.10	20.00	3	0.50	-0.15	0.70
	TEX051-D-F-3.25	0.51	0.30	0.30	1.95	0.80	0.50	3.25	25.00	3	0.50	-0.15	0.70
	TEX051-B-F-5.70	0.51	0.30	0.30	4.00	1.10	0.60	5.70	25.00	3	0.65	-0.15	1.00
	TEX051-D-F-5.70	0.51	0.31	0.31	4.00	1.10	0.60	5.70	23.00	3	0.70	-0.15	1.10
	TEX051-B-F1-15.80	0.51	0.35	0.25	12.70	1.60	1.50	15.80	70.00	3	2.00	-0.15	2.10
	TEX051-E-F-4.80	0.51	0.30	0.30	3.20	1.10	0.50	4.80	30.00	3	0.65	-0.15	1.00
	TEX051-F-D-6.00	0.51	0.30	0.30	4.00	1.40	0.60	6.00	25.00	3	0.65	-0.15	1.00
	TEX052-B-F1-10.50	0.52	0.30	0.30	8.50	1.00	1.00	10.50	15.00	3	0.80	-0.15	2.00
	TEX053-F-F-5.72	0.53	0.25	0.25	3.72	1.00	1.00	5.72	16.00	3	0.48	-0.15	0.97

Pitch	Part Number	Dimension(mm)							Spring Force	Current Rating	working travel	Bandwidth	Full travel
mm		A	B	C	D	E	F	G	g	A	mm	db@20GHz	mm
0.80	TEX057-F-F-3.38	0.57	0.34	0.34	2.30	0.55	0.53	3.38	30.00	3	0.50	-0.15	0.55
	TEX057-E-F-4.80	0.57	0.30	0.30	3.20	1.10	0.50	4.80	22.00	3	0.60	-0.15	0.90
	TEX058-F-1D-3.10	0.58	0.34	0.34	2.00	0.60	0.50	3.10	34.00	3	0.50	-0.15	0.70
	TEX058-E-F-5.70	0.58	0.30	0.30	4.00	1.10	0.60	5.70	25.00	3	0.65	-0.15	1.00
	TEX058-D-F-6.30	0.58	0.35	0.35	4.00	1.50	0.80	6.30	34.00	3	1.10	-0.15	1.30
	TEX058-F-F-6.60	0.58	0.30	0.30	4.50	1.50	0.60	6.60	41.00	3	0.90	-0.15	1.10
	TEX058-B-B-7.40	0.58	0.36	0.29	5.08	1.51	0.81	7.40	32.20	3	0.76	-0.15	0.90
	TEX058-D-F-8.85	0.58	0.38	0.31	6.35	1.50	1.00	8.85	35.00	3	0.80	-0.15	1.20
	TEX061-B-H-5.85	0.61	0.38	0.38	4.05	1.05	0.75	5.85	52.00	3	0.86	-0.15	1.30
	TEX061-B-B-10.85	0.61	0.35	0.35	7.25	1.80	1.80	10.85	30.00	3	1.80	-0.15	2.50
0.78	TEX068-D-D-15.95	0.68	0.50	0.50	13.20	2.00	0.75	15.95	40.00	3	2.10	-0.15	3.00
1.00	TEX075-B-H-10.00	0.75	0.40	0.40	6.20	3.00	0.80	10.00	25.00	3	1.30	-0.15	2.00
	TEX075-B-F1-6.30	0.75	0.50	0.50	4.00	1.50	0.80	6.30	34.00	3	1.00	-0.15	1.50
	TEX081-B-F1-3.30	0.78	0.62	0.62	2.05	0.80	0.45	3.30	29.00	3	0.70	-0.15	0.80
	TEX080-E-F-3.40	0.80	0.60	0.60	2.15	0.80	0.45	3.40	40.00	3	0.60	-0.15	0.80
	TEX081-E-F-3.30	0.81	0.62	0.62	2.05	0.79	0.46	3.30	38.30	3	0.72	-0.15	0.80
	TEX081-D-B-13.25	0.81	0.50	0.50	10.00	1.85	1.40	13.25	30.50	3	0.85	-0.15	1.30
	TEX081-B-B-14.20	0.81	0.50	0.50	10.00	2.10	2.10	14.20	25.00	3	1.70	-0.15	4.00
	TEX083-F1-F1-5.80	0.83	0.50	0.50	4.00	1.15	0.65	5.80	40.00	3	0.70	-0.15	1.10
	TEX083-F1-F1-13.00	0.83	0.50	0.50	10.00	1.80	1.20	13.00	38.00	3	1.15	-0.15	1.80
	TEX085-F-F-5.70	0.85	0.50	0.50	4.00	1.10	0.60	5.70	45.00	3	0.60	-0.15	1.10
	TEX085-F1-B-5.80	0.85	0.50	0.50	4.00	1.15	0.65	5.80	22.00	3	0.70	-0.15	1.10
	TEX085-B-F1-6.00	0.85	0.50	0.50	4.00	1.00	1.00	6.00	25.00	3	0.70	-0.15	1.05
1.27	TEX100-E-F1-9.20	1.00	0.55	0.40	5.85	2.55	0.80	9.20	41.00	3	1.40	-0.15	2.10
	TEX100-E-E-11.20	1.00	0.60	0.60	8.60	1.30	1.30	11.20	60.00	3	1.65	-0.15	2.50
	TEX100-T-T-18.00	1.00	0.70	0.70	12.00	4.50	1.50	18.00	45.00	3	2.80	-0.15	3.00
	TEX101-E-D-12.20	1.01	0.67	0.67	10.00	1.60	0.60	12.20	38.00	3	1.00	-0.15	1.80
	TEX101-D-D-12.80	1.01	0.67	0.67	10.00	1.60	1.20	12.80	20.00	3	0.80	-0.15	1.10
1.35	TEX130-D-D-16.00	1.30	0.90	0.90	10.70	3.50	1.80	16.00	20.00	3	2.60	-0.15	4.50
1.40	TEX136-B-F-15.90	1.36	0.80	0.90	11.20	4.00	0.70	15.90	150.00	3	3.00	-0.15	5.00
	TEX136-B-F-18.70	1.36	0.80	0.80	11.20	6.00	1.50	18.70	120.00	3	2.70	-0.15	4.00
1.55	TEX148-B-B-16.00	1.48	1.00	1.00	10.70	3.50	1.80	16.00	60.00	3	2.80	-0.15	3.50

Other Series

TEA Series

TEB Series

Material

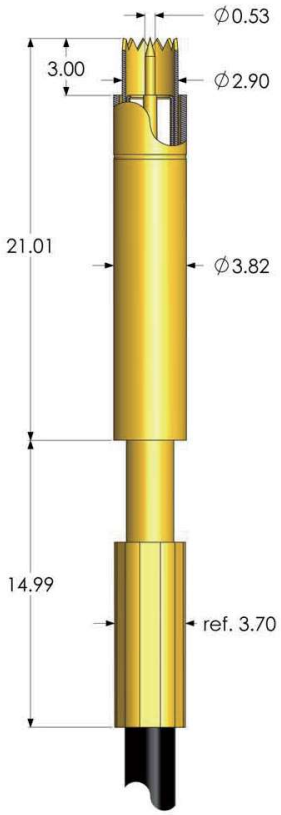
Item	Material
a	Steel or Becu,gold plated
b	PhBr, gold plated
c	Stainless Steel, Music Wire, gold plated

Ordering Example

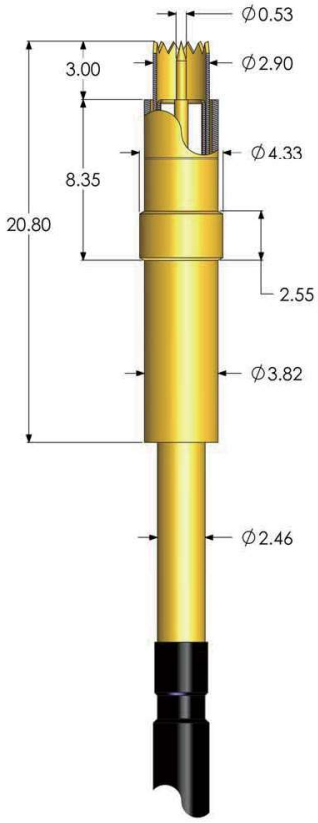
TEX	020	B	B	5.70
	Series	Short Plunger Tip Style	Long Plunger Tip Style	Probe Length (mm)

RF Test Probe

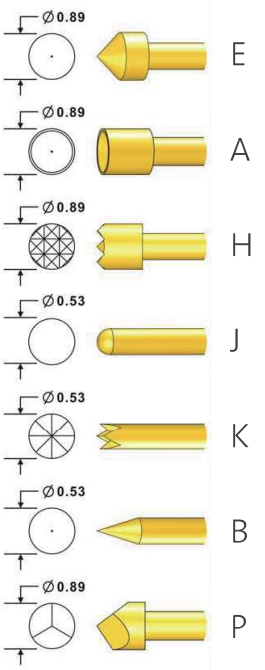
TCOX



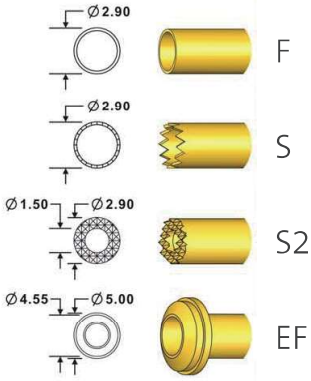
TCOXA



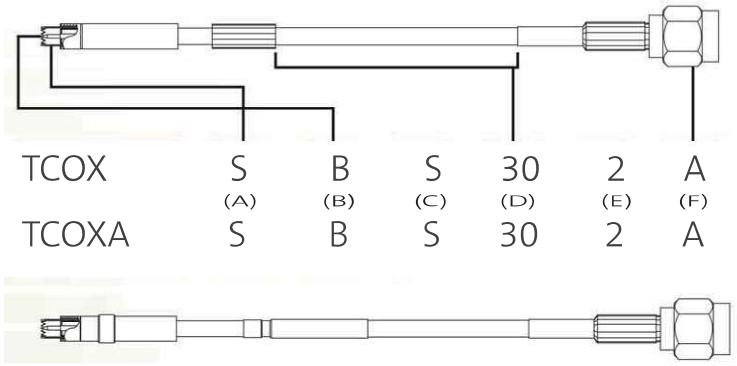
Signal Plungers



Shielding Plunger



Ordering Example



TCOX	S (A)	B (B)	S (C)	30 (D)	2 (E)	A (F)
TCOXA	S	B	S	30	2	A

A Shielding Plunger
B Signal Plunger Shape
C Standard Spring Force
D Cable Length(cm)
E 1.=>RG316 F A=>SMA Male
2.=>RG174 B=>SMA Female

Probe Specifications

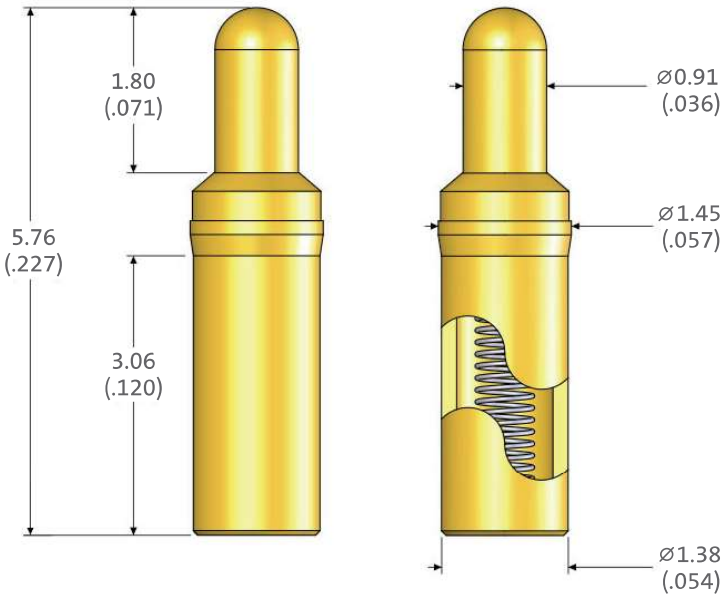
- Min. Pitch: 5.0mm
- Current Rating: 3 amps
- Spring Force: S=>60g
- Impedance: 50Ω
- Max. stroke: 1.90mm=>tips E, A, H, P
  2.30mm=>tips J, K, B

Materials

- Dielectric Insulator: Teflon
- Signal Plunger: BeCu.Gold over Nickel.
- Coaxial Cable: RG-316, RG-174

Battery Contactor Probe

TEB-1



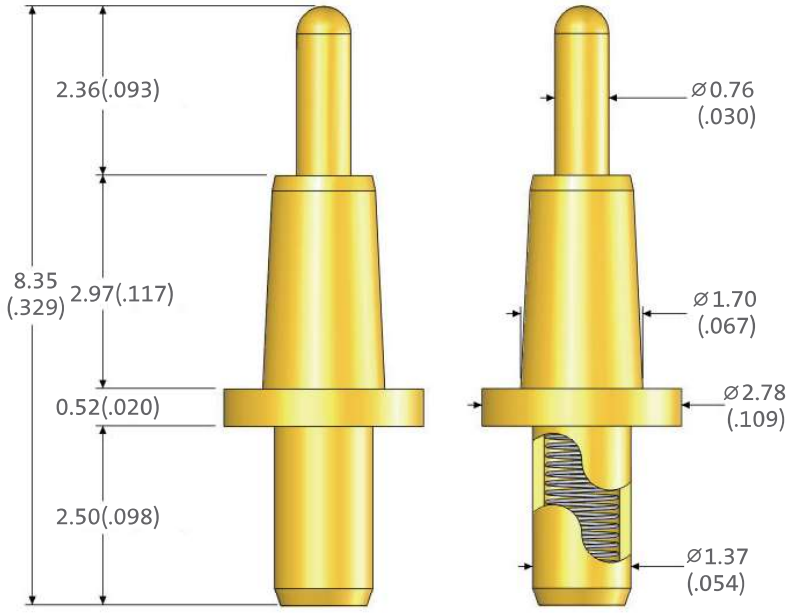
Probe Specifications

- Minimum Center: 1.90(.075)
- Current Rating: 5 amps
- Contact Resistance: <25mΩ
- Spring Force: 80g@1.2mm
- Max. stoke: 1.8mm
- Working Stroke: 1.2mm(2/3travel)

Materials

- Barrel: Brass, gold plated over Nickel
- Spring: SUS Wire.
- Plunger: Full-hard
  Beryllium Copper,
  gold plated over Nickel.

TEB-2



Probe Specifications

- Minimum Center: 3.18(.125)
- Current Rating: 10 amps
- Contact Resistance: <10mΩ
- Spring Force: 145g@1.5mm
- Max. Stroke: 2.30mm
- Working Stroke: 1.5mm (2/3 travel)

Materials

- Barrel: Brass, gold plated over Nickel
- Spring: SUS Wire.
- Plunger: Full-hard
  Beryllium Copper or Carbon Steel,
  gold plated over Nickel.

MTP™

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