

**MODEL:** PR-1135 | **DESCRIPTION:** DC POWER RECEPTACLE**FEATURES**

- designed for overmolding
- 5 A rating
- 1 mm center pin

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance	between plug and receptacle			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	when mating with a standard plug	0.3		2.5	kgf
withdrawal force	when mating with a standard plug	0.3		2.5	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

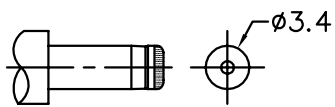
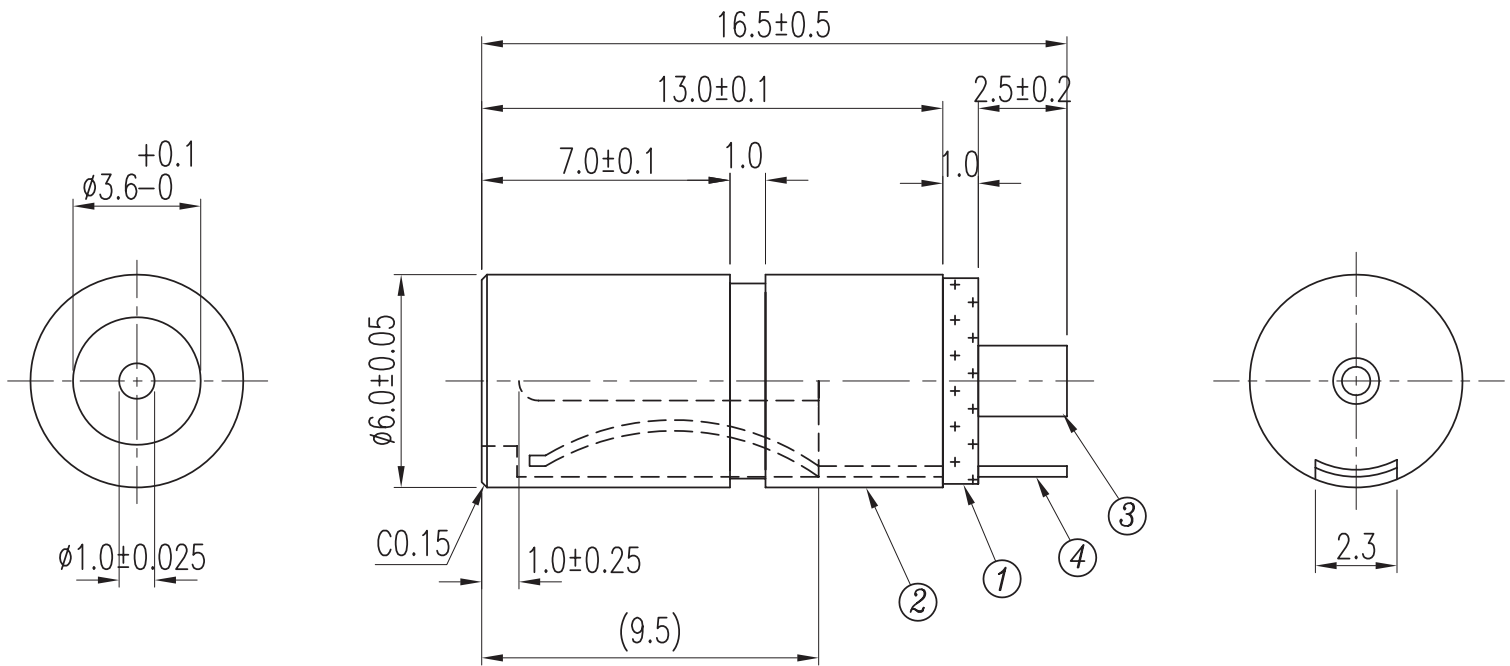
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 1.0$ :  $\pm 0.1$  mm  
 $1.0 < X \leq 6.0$ :  $\pm 0.2$  mm  
 $6.0 < X \leq 18.0$ :  $\pm 0.3$  mm  
 $18.0 < X \leq 40.0$ :  $\pm 0.4$  mm  
 $X > 40.0$ :  $\pm 0.5$  mm  
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PBT (UL94HB)	black
2	body	brass	nickel
3	center pin	brass	nickel
4	terminal 2	BeCu	nickel



**MATING PLUG**  
 Jack Insertion Depth: 9.5 mm

Schematic	
Model No.	PR-1135
Center Pin	$\phi 1.0$ mm