

	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
barrel	brass	nickel
housing	POM (UL94V-0)	black
cover	PC (UL94V-2)	transparent
nut	brass	nickel

DESCRIPTION	MATERIAL	PLATING
terminal 1	C2680R t=0.25 mm	8 μ" silver over 30-60 μ" nickel
terminal 2	C5210R t=0.25 mm	8 μ" silver over 30-60 μ" nickel
terminal 3	C2680R t=0.25 mm	8 μ" silver over 30-60 μ" nickel
barrel	brass	30-50 μ" nickel
housing	POM (UL9HB)	black
cover	PC (UL94V-2)	transparent
nut	brass	30-50 μ" nickel
spring	stainless steel	---

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current			2		A
contact resistance			30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion force		0.4	2		kgf
withdrawal force		0.3	2		kgf
operating temperature		-25	70		°C
storage temperature		-25	70		°C
life			5,000		cycles
flammability rating	see material table for details				
RoHS	yes				

Note: 1. When measured at a current of less than 100 mA/1A/10A
2. All specifications measured at 20-30°C, humidity at 40-60%, under standard atmospheric pressure, unless otherwise noted

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3-5 seconds		360		°C

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current			2		A
contact resistance			30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand				500	Vac
insertion force		0.3	2		kgf
withdrawal force		0.3	2		kgf
operating temperature		-25	75		°C
storage temperature		-25	75		°C
life			5,000		cycles
flammability rating	see material table for details				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3-5 seconds		360		°C

Affected Date Code: All orders placed after 06/23/2026

PCN Approval:

Operations/Quality



Product Management

