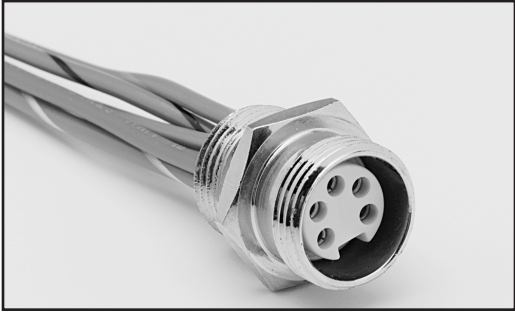




Mini Style Receptacles

Series Types: RSF/RKF

Mini Style Receptacles: Automotive Color Code



- Male and female bulkhead receptacles
- Receptacle shell potted with epoxy
- Viton O-ring seal
- 1/2 NPT threads, 16 & 18 AWG conductors

Order Information

Face View Female/Male			
Poles	3	4	5
Color Code	1 = Green (gnd) 2 = Red w/black 3 = Red w/white	1=Red w/black 2=Red w/white 3=Red 4=Green (gnd)	1 = Red w/white 2 = Red 3 = Green (gnd) 4 = Red w/orange 5 = Red w/black
Current Rating	10A	8A*	8A*

16 AWG Conductors

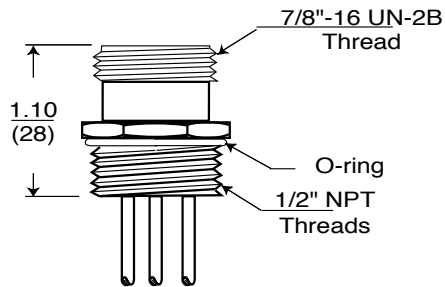
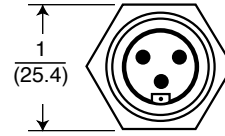
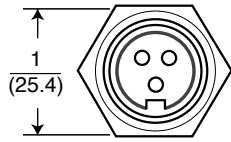
Female Receptacle	RKF 301-641/1F	N/A	RKF 501-642/1F
Male Receptacle	RSF 30-641/1F	N/A	RSF 50-642/1F

18 AWG Conductors

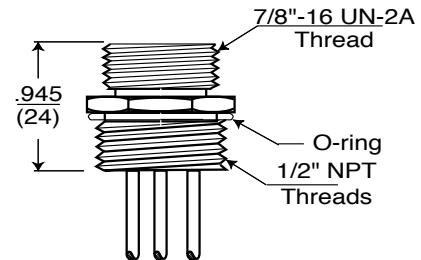
Female Receptacle	RKF 301-688/1F	RKF 401-689/1F	RKF 501-690/1F
Male Receptacle	RSF 30-688/1F	RSF 40-689/1F	RSF 50-690/1F

* = 5.6 A for 18 AWG leads

Dimensional Data



FEMALE RECEPTACLE
RKF



MALE RECEPTACLE
RSF

Receptacles require 13/16" hole for panel mounting.

Technical Data

1. Application Class:	-40°C to + 90°C	5. Agency Approvals:	
2. Materials:		UL Recognition:	E104696
Contact:	Brass, gold over silver plating	CSA Certified:	LR101540-1
Shell:	Brass, nickel plated		
O-Ring for Receptacle:	Viton		
Insert:	PUR		
Receptacle Shell:	Aluminum, clear anodized Option: brass, electroless nickel plated stainless steel		
3. Mechanical Data:			
Protection:	IP68, NEMA 6P (only in fully locked position)		
4. Electrical Data:			
Contact Resistance:	≤5mΩ		
Current Rating:	See chart on previous page		
Working Voltage:	600 VAC - RMS for 16 AWG 300 VAC - RMS for 18 AWG		
Dielectric Withstanding Voltage:	2 KVAC RMS/60sec		
Insulation Resistance:	>10 ⁹ Ω		

Lead Lengths & Options

Standard lead length is 1 foot (1F). Consult factory for special lead lengths.
Closure caps available; see page F1.
Use industry standard 1/2" NPT locknuts for mounting.