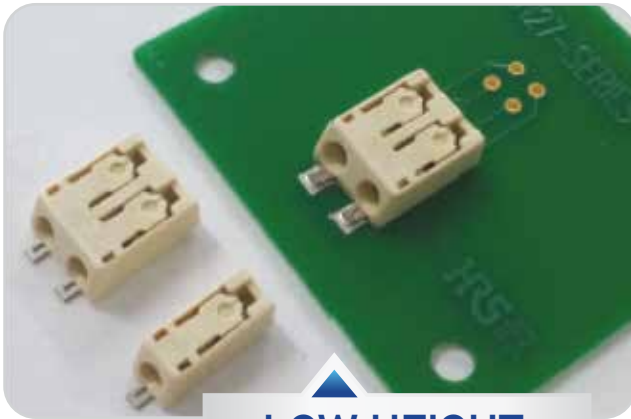


KN27 Series

LED Lighting Module Connector



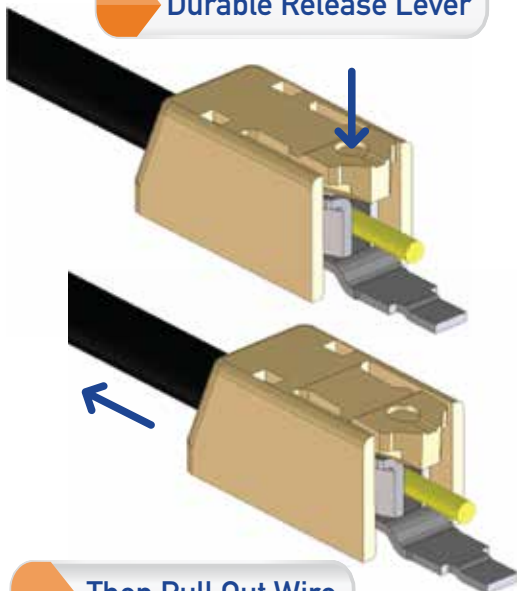
LOW HEIGHT
SPACE SAVING

Features:

- ▶ Small, low profile design
- ▶ Industry standard footprint
- ▶ 2-point contact design producing superior contact reliability
- ▶ Easy of connection achieved by guided insertion design
- ▶ Easy cable disengagement lever
- ▶ Wide Vacuum pick up area
- ▶ RoHS & halogen free compliance

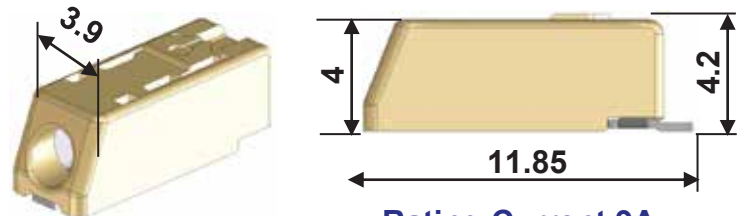
Release Lever Allows for Easy Cable Disengagement

Durable Release Lever



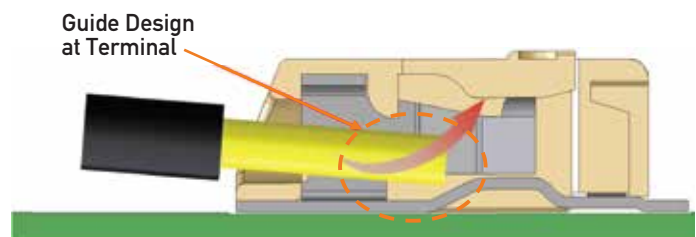
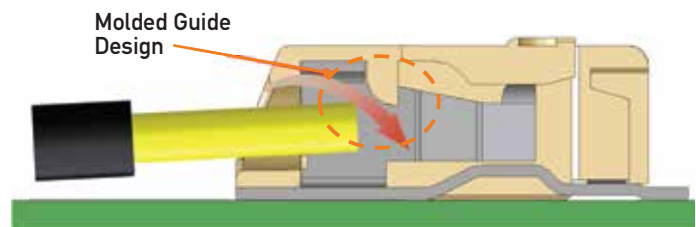
Then Pull Out Wire

Low Height: 4.2mm



Rating Current 9A
WIRE : AWG#18~24

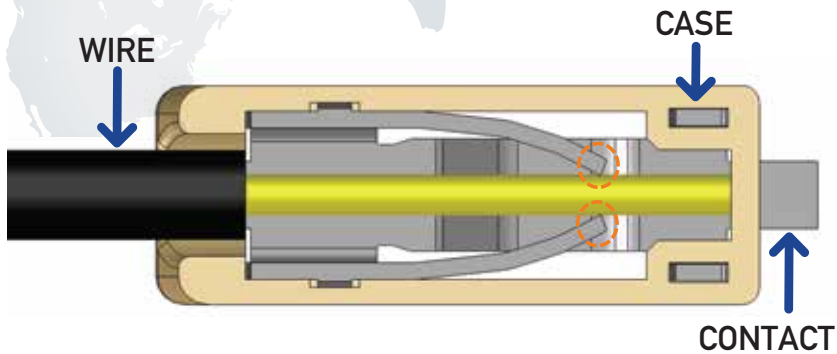
Easy Cable Connection



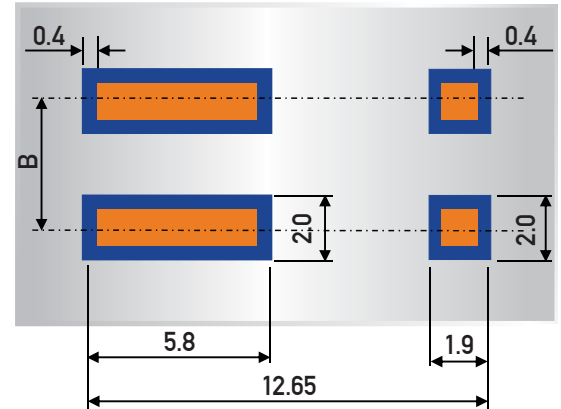
INTERNAL DESIGN GUIDES
CABLE FOR EASY CONNECTION

Superior Contact Reliability

SECURED BY 2-POINTS OF CONTACT



PCB LAYOUT Industry Footprint Compatible



Part Numbers

KN27-1S-H(835) - 1 position

KN27-2S-4H(835) - 2 position

SPECIFICATIONS

Item	Specifications
Dimensions (Nominal)	2p: (W) 7.9mm ×(L) 11.85mm ×(H) 4.2mm 1p: (W) 3.9mm ×(L) 11.85mm ×(H) 4.2mm
Type	SMD type
Number of contact	1 Pin, 2 Pin
Packaging Type	Emboss & Reel
Plating	Sn plating

PERFORMANCE CHARACTERISTICS

Operating Temperature Range	-40 °C to +130 °C (includes temperature rise caused by current flow)	
Rated Current	AWG 18:9A AWG 22:5A	AWG 20:6A AWG 24:3A
Rated Voltage	600 V AC	
Insulation Resistance	1000 M Ω Min. (500 V DC)	
Withstanding Voltage	1600V AC for 1 minute	
Contact Resistance	10 M Ω Max.	
Mating Cycles	5 times	

For additional information please go to www.hirose.com/product/en/products/KN27/

Specifications herein are subject to change without notice.
Contact Hirose for latest specifications, drawings or availabilities.