	Description	Order No.	Circuits	Wire Range	Mated Dimensions	Materials (UL 94V-0)	Packaging				
Terminal											
	Crimp Terminal	87421-0000	_	24 to 30 AWG	_	Tin-plated Phosphor Bronze	Reel				
Crimp Housing											
	Friction Locking Receptacle Housing	87439-XX00	2-15	_	_	Glass-filled 6/6 Nylon	Bag				
Header											
	Vertical SMT Header	87437-XX43	2-15	_	7.00mm (.276") 4.45mm (.175")	Glass-filled 4/6 Nylon	Embossed Tape				
THIN THIN THE STATE OF THE STAT	Right Angle SMT Header	87438-XX43	2-15	_	7.00mm (.276") 4.45mm (.175")	Glass-filled 4/6 Nylon	Embossed Tape				

Replace XX with number of circuits

APPLICATION TOOLING

	Insulation		Order No.		
Terminal	Diameter	Strip Length	TM-2000 Applicator	TM-40/TM-42 Applicator	Hand Tool
87421-0000	1.15mm (.045") max.	1.05 to 1.54mm (.041 to .061")	63862-7000	63852-7000	63811-0100





- Dual-point contact design for greater reliability
- Anti-fishhooking contact design to improve handling during harness assembly
- Locking tang on contact for secure retention to the housing
- Friction lock between receptacle housing and headers insures secure retention when mounted
- Lead-in chamfer on receptacle to ease mating
- Embossed tape packaging standard with headers for high volume applications
- Headers fully shrouded to protect pins
- Polarized mating geometry insures header and receptacle cannot be mis-mated
- Lead-free plating

SPECIFICATIONS

Reference Information

Recommended Wire Style 24 to 28 AWG: UL 1061 30 AWG: UL 1571 UL File No.: E29179 CSA File No.: LR19980A RoHS Compliant

Electrical

Current: 3.0A max. Voltage: 50V

Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC per 1 minute
Insulation Resistance: 1000 Megohms min.

Physical

Housing: White, Nylon, 6/6, UL 94V-0 Header: Beige, Nylon 4/6, UL 94V-0 Terminal: Phosphor Bronze

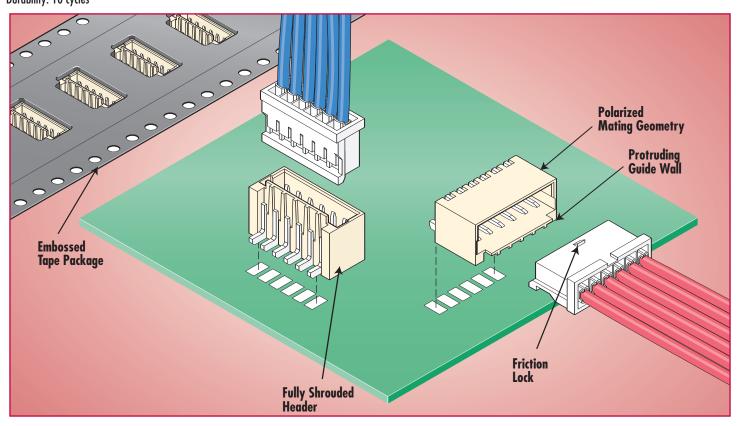
Pin: Brass

Plating: Lead-free Tin

Operating Temperature: -55 to +105°C

Mechanical

Mating Force (10-circuit parts): 5.9N max. Unmating force (10-circuit parts): 1.5N min. Durability: 10 cycles



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