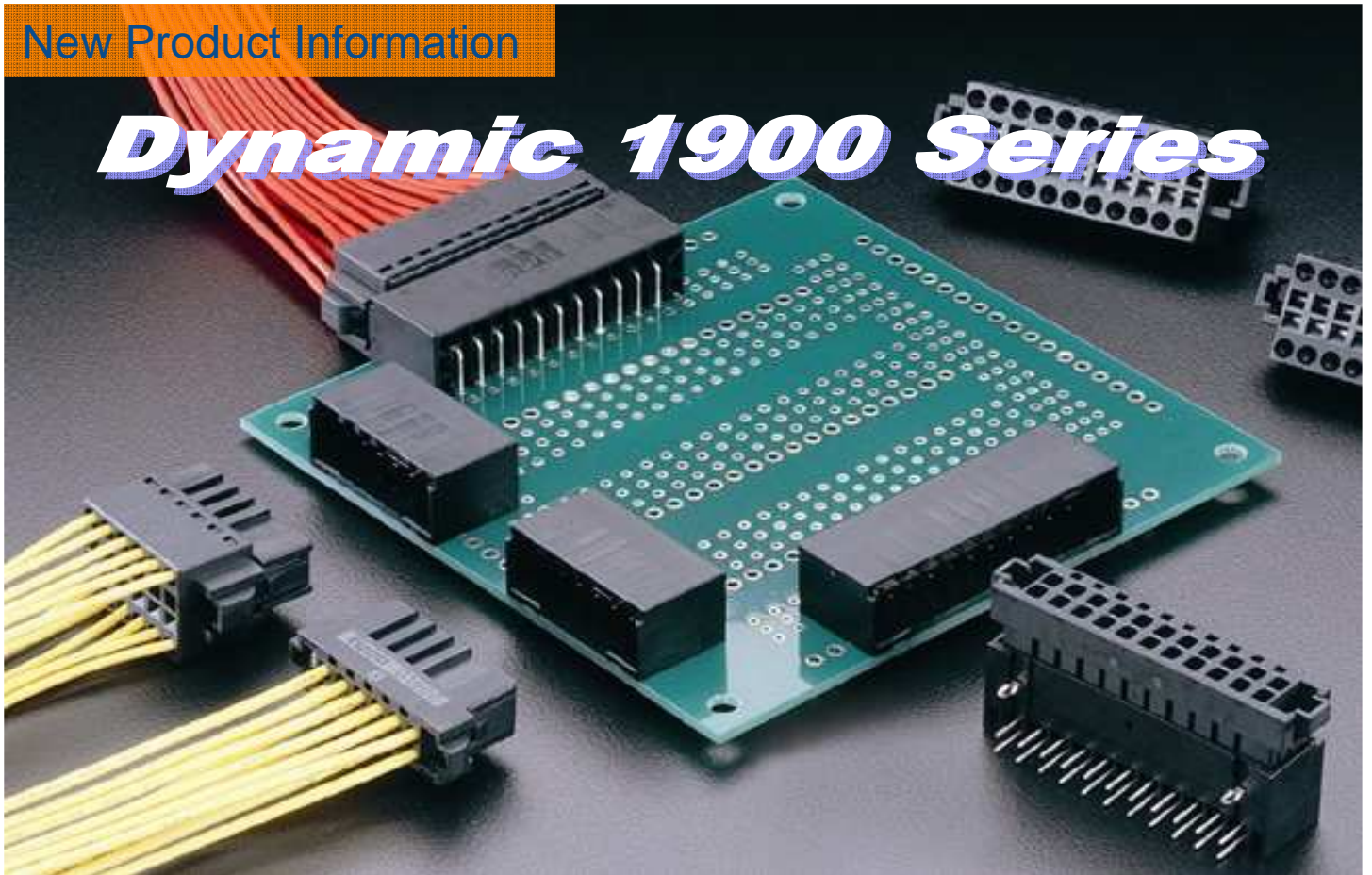


Dynamic 1900 Series



Parts Number

Pos.	Spring Clamp Receptacle	Crimp Type Receptacle	PCB Mout (Horizontal)	PCB Mout (Vertical)
8	1-1871940-4	1-1871946-4	1-1871935-4	1-2013325-4
12	1-1871940-6	1-1871946-6	1-1871935-6	1-2013345-6
22	2-1871940-1	2-1871946-1	2-1871935-1	2-2013345-1
30	2-1871940-5	2-1871940-5	2-1871935-5	-
38	2-1871940-9	2-1871946-9	2-1871935-9	-

Extraction Tool (for Spring Clamp Type): 1891348-1

Specification

Series	D1900	
Termination	Spring clamp	Crimp
Connector Pitch	3.5mm	
Plating	Gold Plating	
Applicable Wire Size	AWG 24~18	AWG30~18
Rated Current	4A(used in AWG18)	5A(used in AWG18)
Rated Voltage	150V	
Operation temprature	-30~105°C	
Specifiation number	108-78336	

Crimping Contact Parts Number

Applicable Wire Range			Contact Size	Loose Piece	Strip Contact
Wire size					
AWG	Square (mm ²)	Insulation Diameter (mm)			
30	0.05	0.6-1.2	S	1827586-2	1827569-2
28	0.09				
28	0.05	1.08-1.6	M	1827587-2	1827570-2
26	0.12				
24	0.2				
22	0.5				
28	0.05	1.08-1.9	L	1827588-2	1827571-2
26	0.12				
24	0.2				
22	0.5				
20	0.5	1.4-2.2	2L	1827589-2	1827572-2
18	0.75				

Product Facts

- Selective both crimp type and spring clamp application for the market diversity.
- D1000 series contact can be applied.
- Robust structure with locking lever and smooth mating and unmating.

Application

- Wire to board application in industrial machinery.
- Sensor, actuator I/O.
- Small motor & driver connection.

Key Features

- Smallest connector in industrial connector.
- Wider range applicable cable (AWG#24 to #18).
- Smaller but higher voltage rating, 150V in D1900 series. (UL1059 certification).