



NOTE:

PERFORMANCE CHARACTERISTICS:

VOLTAGE RATING : 250 VAC  
CURRENT RATING : 1.0 A AT 70°C  
INSULATION RESISTANCE: 10 MΩ Min. AFTER TEST  
DIELECTRIC WITHSTANDING VOLTAGE: 1000V  
CONTACT RESISTANCE: 20 mΩ Max. AFTER TEST  
OPERATING T° : -55°C TO +125°C  
INSERTION FORCE: 0.75N Max. PER CONTACT  
WITHDRAWAL FORCE: 0.15N Min. PER CONTACT

MATERIALS:

TERMINAL BLOCK : GLASS REINFORCED THERMOPLASTIC UL94-V0.  
COVER : POLYAMIDE-NYLON.  
CONTACTS : PHOSPHOR BRONZE.  
PLATING : Z1 : 0.40 μ Au MIN. OVER Ni IN CONTACT AREA;  
N9 : 0.75 μ Au MIN. OVER Ni IN CONTACT AREA;  
PURE Sn DN IDC-TERMINAL.  
PURE Sn DN IDC-TERMINAL.  
EB : 2.00 μ Au MIN. OVER Ni IN CONTACT AREA;  
PURE Sn DN IDC-TERMINAL.

WIRE CHARACTERISTICS:

26/28/30AWG: INSULATION DIAMETER 1.20MM MAX.  
24AWG SPECIAL: INSULATION DIAMETER 0.9 MM MAX.

PART NUMBERS:

HM2C01D0C010--LF CONNECTOR FOR WIRE SIZE AWG 28, AWG 30.  
HM2C01D2C010--LF CONNECTOR FOR WIRE SIZE AWG 24, AWG 26.

AWG24 SPECIAL SEE WIRE CHARACTERISTICS

MARKING:

PARTNUMBER	WIRE SIZE MARKING
HM2C01D0C010--LF	AWG28/30
HM2C01D2C010--LF	AWG24/26

- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS

mat'l. code		surface	tolerance	projection	product family	
ltr	ecn no	dr	date	ISO 1302	ISO 406/ISO 110	Millipcs HPL560
A	0005-0491	KN	13-09-01	tolerances unless otherwise specified	angle 15°	4X5 Pos, HM2C01D-C010-LF
B	0005-0491	Q	22-11-05	0.00 ± 0.2	0.00 ± 0.1	NON-SHIELDED CABLE CONNECTOR WITH H000
C	ELX-W-28087	U	2017/02/13	0±1°	scale 4:1	
		dr	Laurence Zang	2017/02/13		dwg no
		enq	Laurence Zang	2017/02/13		sheet of 1 size
		chr	Nick Zhong	2017/02/13		
		qppd	Tim Yao	2017/02/13		
sheet	revision	c				
index	sheet	1				

# Mouser Electronics

Authorized Distributor

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[HM1C02D0C010N9LF](#)