



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

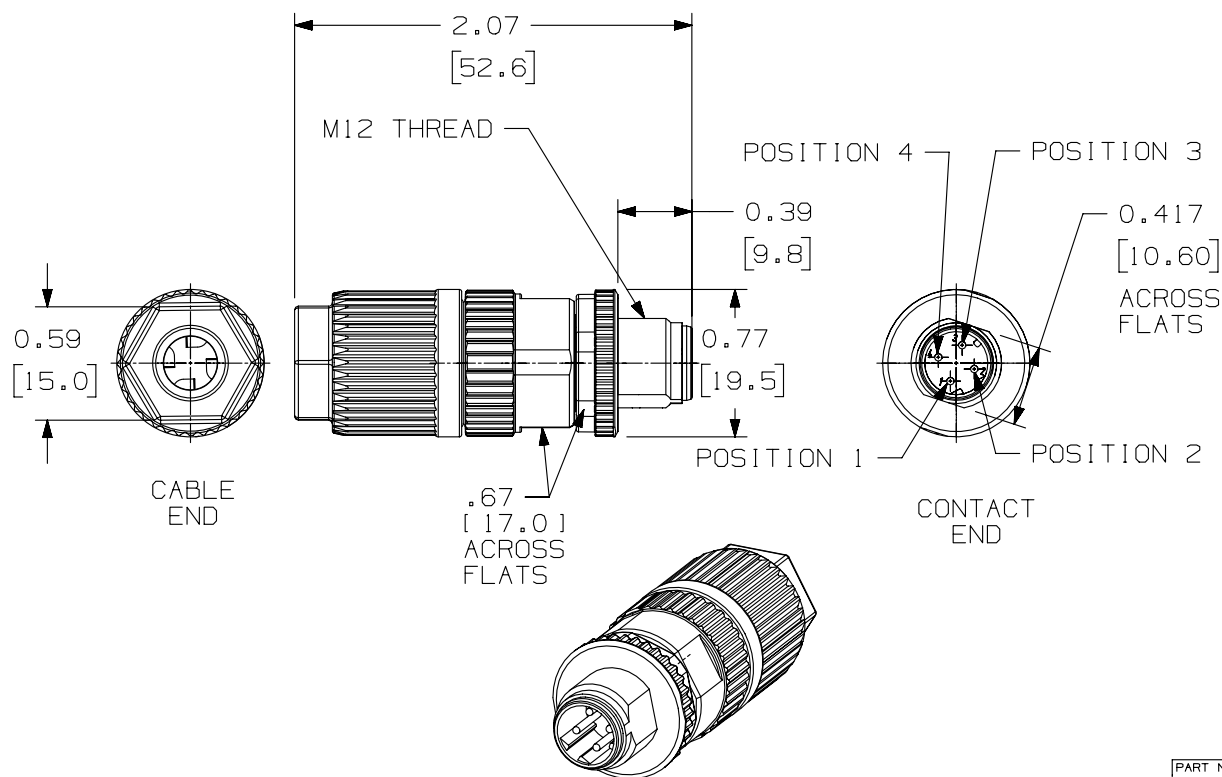
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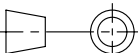


THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



NOTES:

1. CONSTRUCTED TO MEET THE CONNECTOR STANDARDS  
ANSI/TIA-568-C.2 CAT5E ISO 11801, IEC 61076-2-101 AND  
IEC 60532-4.
2. THE TRANSMISSION PERFORMANCE IS 10/100MBIT ETHERNET  
AND IS ADEQUATE FOR PoE ACCORDING TO IEEE 802.3af AND  
PoE ACCORDING TO IEEE 802.3at
3. MEETS THE FOLLOWING CATEGORIES:
  - A. CATEGORY 5E/CLASS EA PER ISO/IEC 11801 DIN EN 50173-1
4. ELECTRICAL:
  - A. WORKING VOLTAGE: 50V
  - B. WORKING CURRENT: 4A
  - C. NUMBERS OF CONTACTS: 4
  - D. CONTACT GENDER: PIN
5. MECHANICAL:
  - A. TERMINATION CYCLES WITH SAME CROSS SECTION WIRE: 10
  - B. RECOMMENDED TIGHTENING TORQUE: 0.443 FL/LBS [0.6N/M]
  - C. HEXAGONAL WRENCH: SW 13MM
6. CABLE CONSTRUCTION ACCEPTANCE:
  - A. CONDUCTOR DIAMETER:
    1. SOLID: 22/1 AWG-26/1 AWG
    2. STRANDED: 26/7 AWG-22/7 AWG, 0.017"-0.026"  
[0.42MM-0.66MM]
  - B. INSULATION DIAMETER (DIAMETER OF DIELECTRIC (DOD)):  
0.043"-0.079" [1.10MM-2.00MM]
  - C. CABLE DIAMETER (DIAMETER OF JACKET (DOJ)):  
0.177"-0.346" [4.5MM-8.8MM]
7. CONSTRUCTION:
  - A. ALL MATERIALS AND COMPONENTS USED MUST MEET THE  
MATERIAL RESTRICTIONS OF RoHS, (EUROPEAN DIRECTIVE  
2011/65/EU ON THE RESTRICTION OF HAZARDOUS SUBSTANCES)  
AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION  
COMMITTEE.
  - B. COMPONENT MATERIALS:
    1. LOCK NUT: (ZN) DIECAST/(NI) PLATED
    2. SEAL: PA 6.6 AND TPU
    3. SPLICE ELEMENT: (ZN) DIECAST, (NI), PLASTIC PART  
IS PA 6.6
    4. CONNECTOR HOUSING: (ZN) DIECAST, (NI) PLATED AND  
PLASTIC PART IS PA 6.6
    5. CONTACTS: BRASS/(AU) PLATED
8. ENVIRONMENTAL:
  - A. OPERATING TEMPERATURE: -13° F--185° F [-25° C--85° C]
  - B. STORAGE TEMPERATURE: -13° F--185° F [-25° C--85° C]
  - C. INGRESS PROTECTION RATING (IP): IP65/IP67
9. WEIGHT: 1.02 LBS/10 PCS [462.66g/10 PCS]

PART NUMBER 1SPS5E44MFA		PRODUCT SPEC/PKG SPEC N/A	
I.I. NUMBER N/A		WORK INSTRUCTION N/A	
TITLE FIELD TERMINABLE M12 D-CODE 4 POSITION PLUG CONNECTOR			
CUSTOMER DRAWING			
ITEM REVISION NAME 13M438AM/00			
DATASET FILE NAME 13M438AM_DC02/00B			
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [ mm ]  $.x \pm .1 [ 2.54 ]$ $.xxx \pm .005 [ .127 ]$ $.xx \pm .01 [ .25 ]$ ANGLES $\pm 5^\circ$		MATERIAL:	
		DRAWING NUMBER: 13M438AM-02	
DRAWN BY BJN	DATE 1-27-14	CHK DCS	SCALE FULL  SHT 1 OF 1
			SIZE A