

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
E	B			A1	REVISED PER ECO-11-005150	21MAR11	RK HMR

- NOTES:
1. ELECTRICAL DATA:

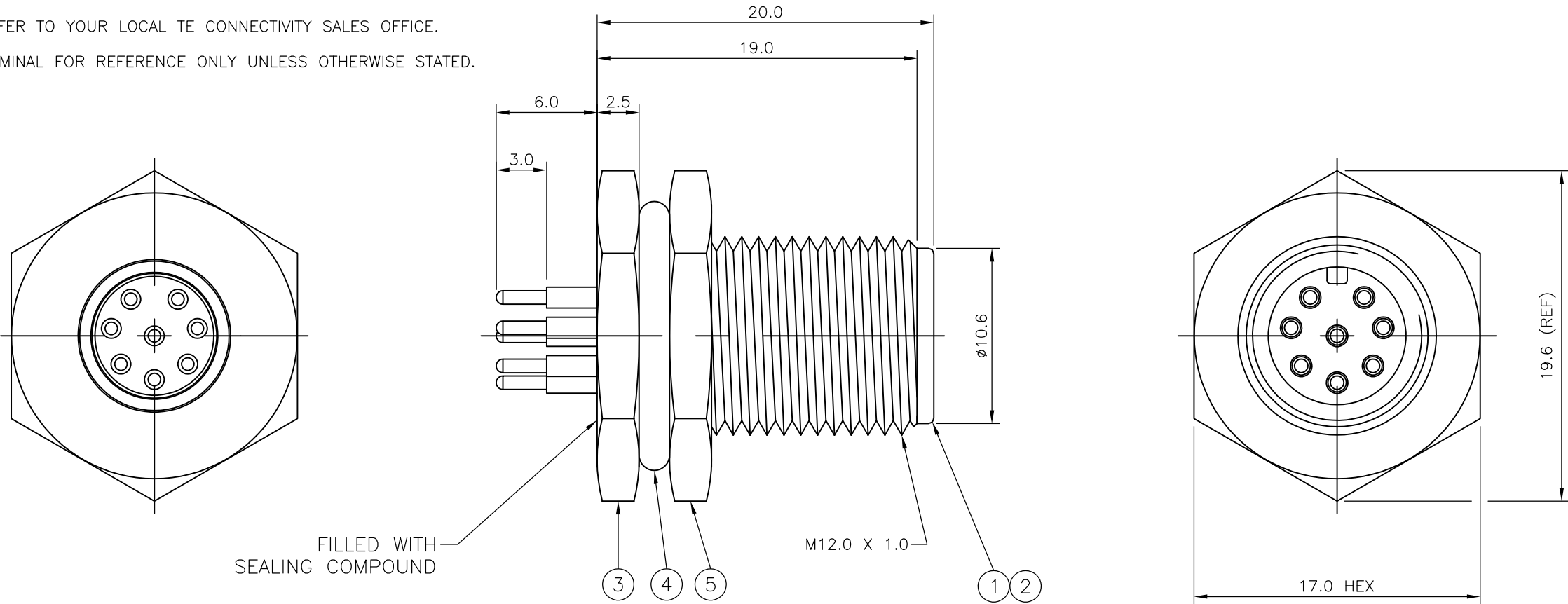
CONTACT RESISTANCE: 10 mOhm MAX  
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC  
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)  
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:

OPERATING TEMPERATURE: -25°C TO +90°C  
SEALING REQUIREMENTS: IP67
3. PROD SPEC:


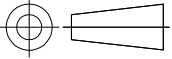
108-3641
4. PACKAGING:

107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE.
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QUANTITY / ITEM			
				-1	-2	-3	-4
1	CONNECTOR HOUSING	GF NYLON	BLACK	1	1	1	1
2	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	3	4	5	8
3	CONNECTOR BODY	BRASS	NICKEL PLATED	1	1	1	1
4	'O' RING	EPDM	BLACK	1	1	1	1
5	SCREW NUT	BRASS	0.25µm NICKEL PLATED	1	1	1	1



M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	1838420-4
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	1838420-3
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	1838420-2
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	1838420-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A.Morey	8MAR06	 TE Connectivity		
		CHK F.Wheeler-King	12APR06			
DIMENSIONS: mm		APVD F.Wheeler-King	12APR06	NAME M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, FRONT (HEXAGONAL) MOUNTING		
		PRODUCT SPEC		SIZE A3		
		APPLICATION SPEC		CAGE CODE 00779		
MATERIAL -		WEIGHT -		DRAWING NO C-1838420		
		CUSTOMER DRAWING		RESTRICTED TO -		
				SCALE NTS		
				SHEET 1 OF 2		
				REV A1		

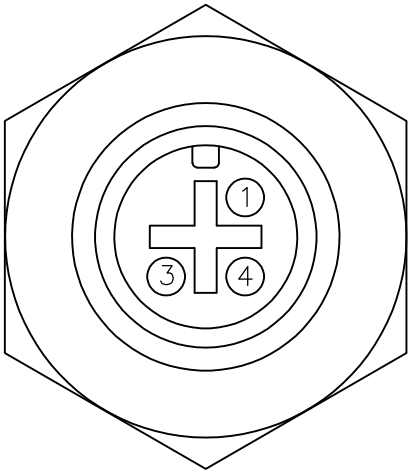
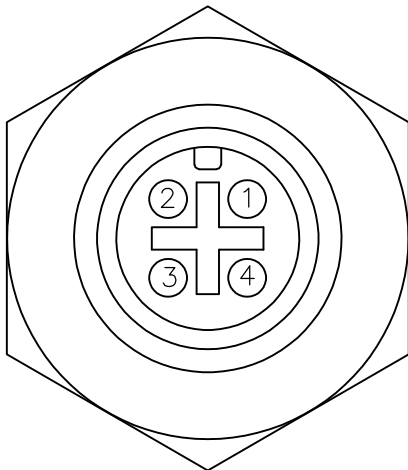
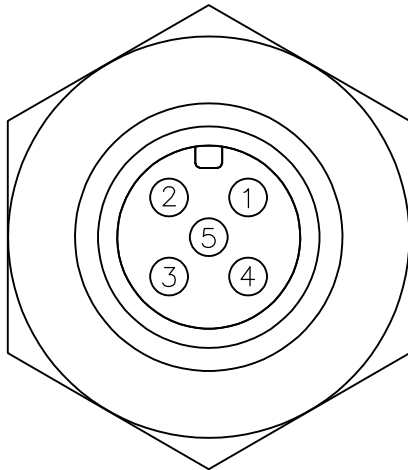
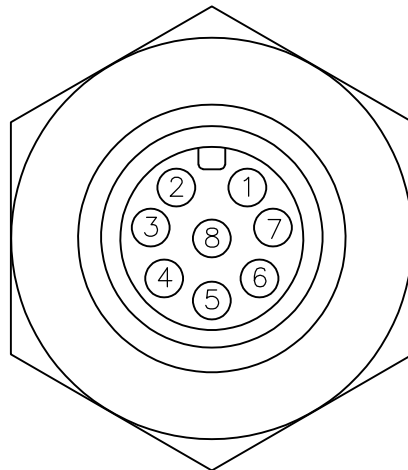
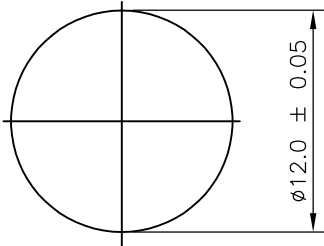
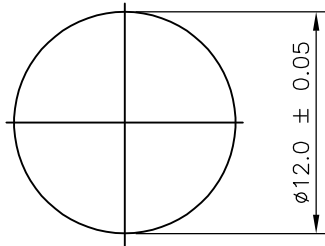
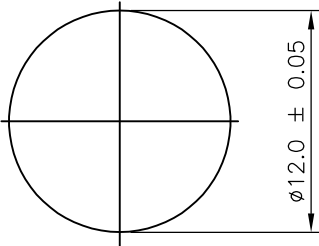
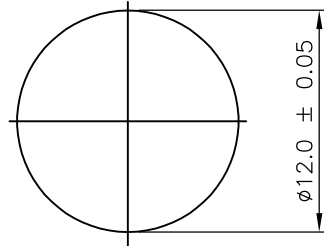
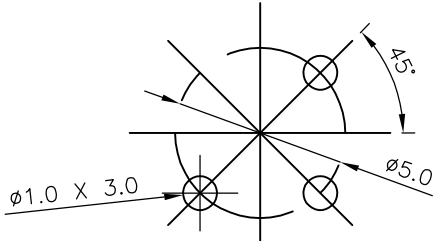
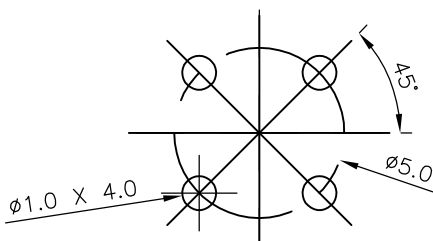
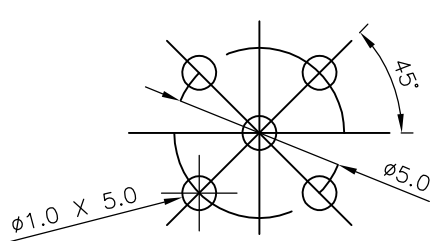
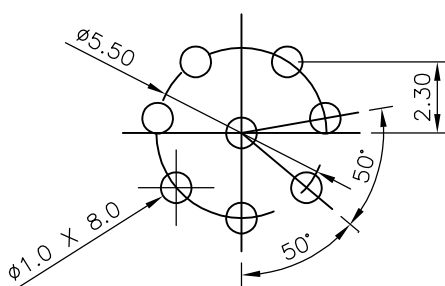
4

3

2

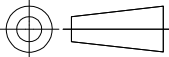
1

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION			DATE	APVD
		—			—	—

1838420-1	1838420-2	1838420-3	1838420-4
<div>PIN ASSIGNMENTS FRONT VIEW</div> 	<div>PIN ASSIGNMENTS FRONT VIEW</div> 	<div>PIN ASSIGNMENTS FRONT VIEW</div> 	<div>PIN ASSIGNMENTS FRONT VIEW</div> 
<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 8.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 8.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 8.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 8.0mm)</div> 
<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± —

4 PLC ± —

ANGLES ± —

FINISH —

DWN  
A.Morey

CHK  
F.Wheeler-King

APVD  
F.Wheeler-King

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

08MAR06

12APR06

12APR06

NAME  
M12 METAL MALE PANEL MOUNT CONNECTOR,  
SOLDER, STRAIGHT, FRONT (CIRCULAR) MOUNTING

SIZE  
A3

CAGE CODE  
00779


DRAWING NO  
C-1838420

RESTRICTED TO  
—

SCALE  
NTS

SHEET  
2 OF 2

REV  
A1

 TE Connectivity

1470-19 (3/11)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[1838420-3](#)