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## 1838282-3 Product Details

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**1838282-3**

TE Internal Number: 1838282-3

Active

### M8/M12 Connector System

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Cable Assembly
- Receptacle
- Single Ended Configuration
- Wire Size = 0.34 (22 AWG) mm<sup>2</sup> [AWG]
- With Environmental Protection

[View all Features](#)

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">M8 STRAIGHT FEMALE CONNECTOR WITH STRAIN RELIEF 3 PO...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

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Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Type</a> = Cable Assembly</li> <li>• <a href="#">Connector Type</a> = Receptacle</li> <li>• <a href="#">Wire Size (mm<sup>2</sup> [AWG])</a> = 0.34 (22 AWG)</li> <li>• <a href="#">Thread Size</a> = M8</li> <li>• <a href="#">Mount Angle</a> = Straight</li> <li>• <a href="#">LED</a> = Without</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Shielded</a> = No</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Cable Length (M [ft])</a> = 5.00 [16.404]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Cable Color</a> = Black</li> <li>• <a href="#">Connector Color</a> = Black</li> <li>• <a href="#">Insulation Material</a> = PVC</li> <li>• <a href="#">Wire Color</a> = Brown, Blue, Black</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Configuration</a> = Single Ended</li> <li>• <a href="#">Environmental Protection</a> = With</li> <li>• <a href="#">Number of Positions</a> = 3</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• <a href="#">RoHS/ELV Compliance History</a> = Always was RoHS compliant</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Application</a> = Sensors</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Packaging Quantity</a> = 20</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Brand</a> = TE Connectivity</li> </ul>

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RELEASED FOR PUBLICATION MARCH 2006

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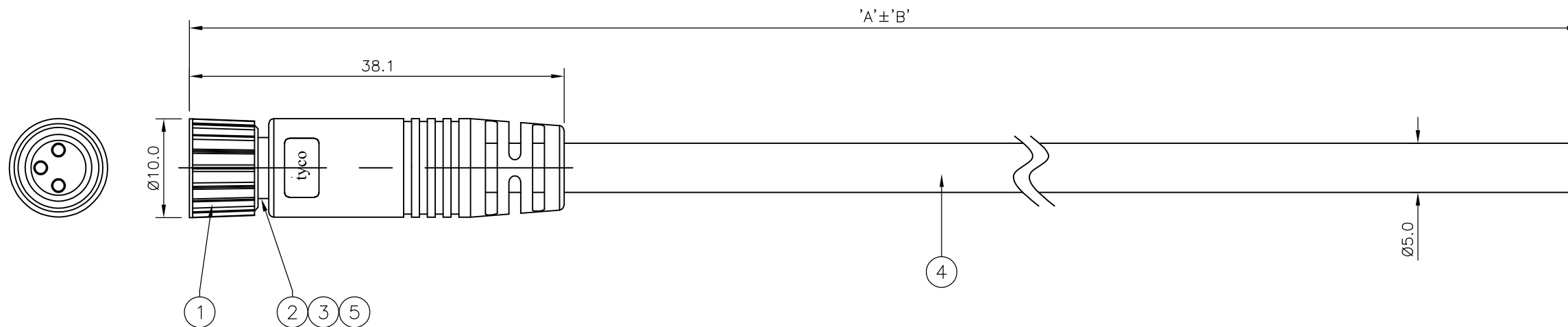
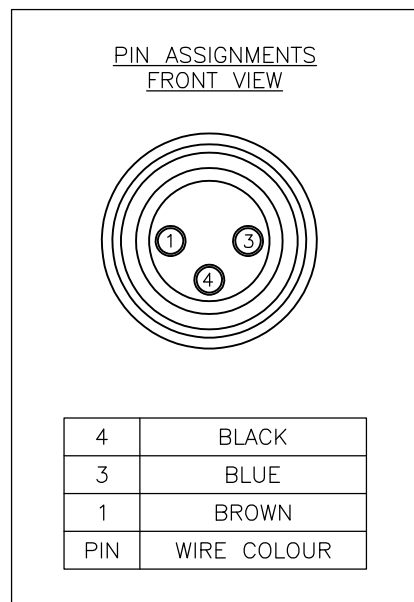
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B	C2	REVISED PER ECO-11-005294	02APR11	RK HMR

NOTES:

- ELECTRICAL DATA: CONTACT RESISTANCE: 10 mOhm MAX  
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC  
CURRENT RATING: 5 AMPS  
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
- ENVIRONMENTAL: OPERATING TEMPERATURE: -20°C TO +80°C  
SEALING REQUIREMENTS: IP67
- PROD SPEC: 108-3641
- PACKAGING: 107-3334
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	SOCKET CONTACT	BRASS	0.15µm GOLD OVER NICKEL	3
4	3 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON	GREEN	1



	10000	500 mm	M8 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838282-5
OBSOLETE	7000	350 mm	M8 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838282-4
	5000	250 mm	M8 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838282-3
OBSOLETE	3000	150 mm	M8 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838282-2
	2000	100 mm	M8 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838282-1
	DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANJUNATH.T.N 29MAR06	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK F.WHEELER-KING 07AUG06		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.WHEELER-KING 07AUG06	NAME M8 STRAIGHT FEMALE CONNECTOR WITH STRAIN RELIEF 3 POSITION, PVC CABLE	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	SIZE A3	
MATERIAL -		APPLICATION SPEC -	CAGE CODE 00779	DRAWING NO C-1838282
FINISH -		WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1
			REV C2	