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1838244-3 Product Details

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1838244-3

TE Internal Number: 1838244-3

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) mm² [AWG]
- With Environmental Protection

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • M12 STRAIGHT FEMALE CONNECTOR 4 POSITION, PVC CABLE (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

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Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Cable Assembly • Connector Type = Receptacle • Wire Size (mm² [AWG]) = 0.34 (22 AWG) • Thread Size = M12 • Mount Angle = Straight • LED = Without <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Shielded = No <p>Dimensions:</p> <ul style="list-style-type: none"> • Cable Length (M [ft]) = 5.00 [16.404] <p>Body Features:</p> <ul style="list-style-type: none"> • Cable Color = Black • Connector Color = Black • Insulation Material = PVC • Wire Color = Brown, White, Blue, Black 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Configuration = Single Ended • Environmental Protection = With • Number of Positions = 4 <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application = Sensors <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Quantity = 20 <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity

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REVISIONS

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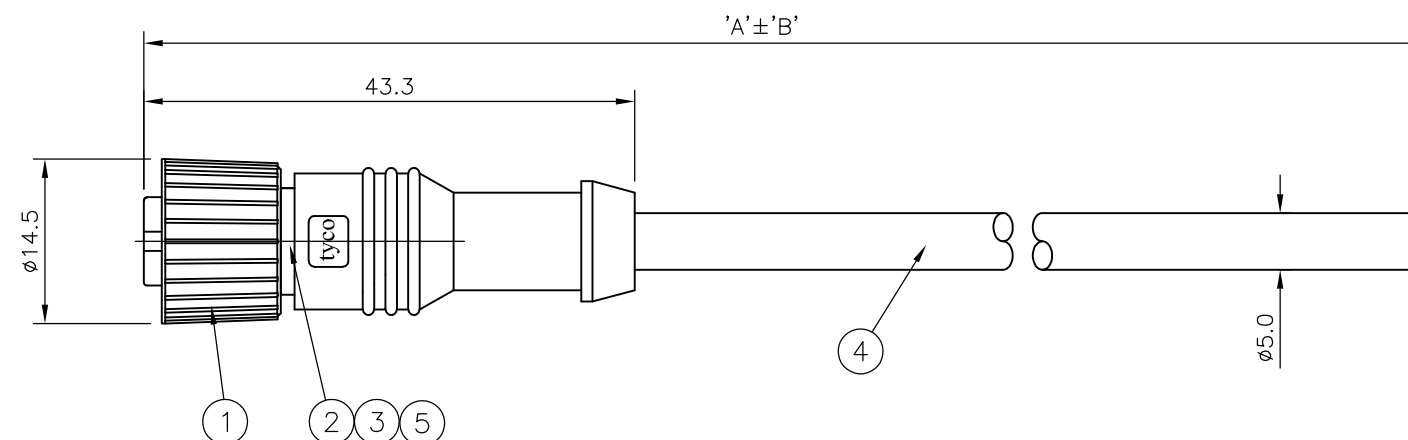
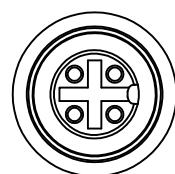
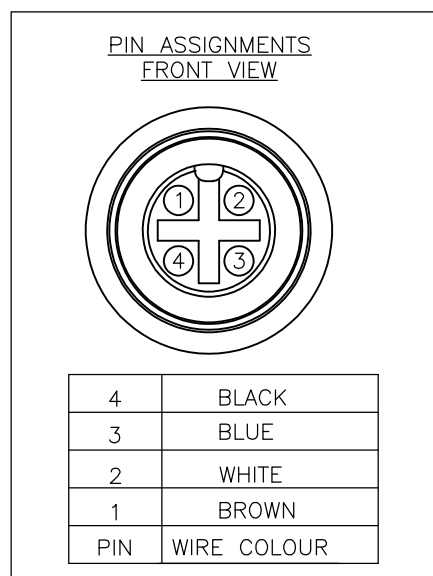
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P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-11-005150	21MAR11	RK	HMR

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 PLATED OVER NICKEL	4
4	4 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON	GREEN	1



10000	500 mm	M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838244-5
7000	350 mm	M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838244-4
5000	250 mm	M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838244-3
3000	150 mm	M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838244-2
2000	100 mm	M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838244-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22AUG05 H M RAGHAVENDRA	STE TE Connectivity	
DIMENSIONS: mm		CHK 15DEC05 F.WHEELER-KING		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 15DEC05 F.WHEELER-KING	NAME M12 STRAIGHT FEMALE CONNECTOR 4 POSITION, PVC CABLE	
0 PLC ± -		PRODUCT SPEC	SIZE	
1 PLC ± -		APPLICATION SPEC	CAGE CODE	DRAWING NO
2 PLC ± -		WEIGHT	RESTRICTED TO	
3 PLC ± -			A3 00779 C-1838244	
4 PLC ± -			SCALE	SHEET
ANGLES ± -			NTS	1 OF 1
FINISH			REV	B1
MATERIAL		CUSTOMER DRAWING		