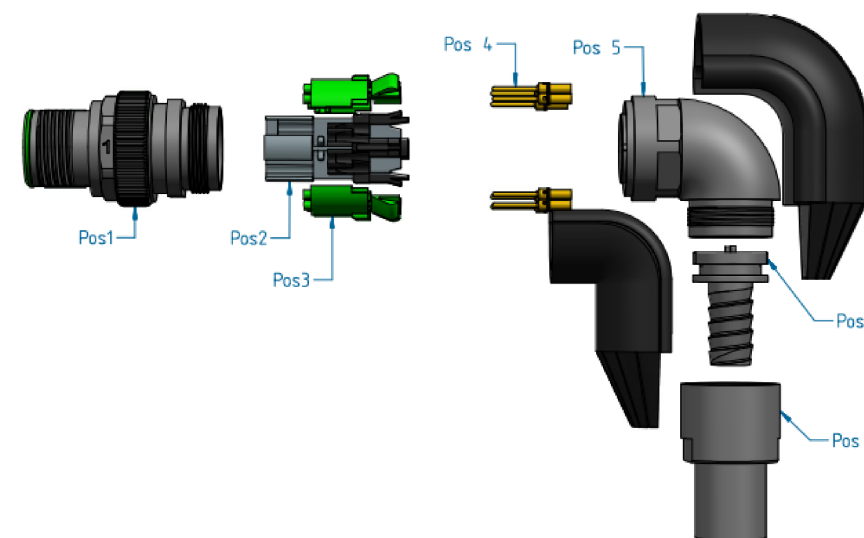
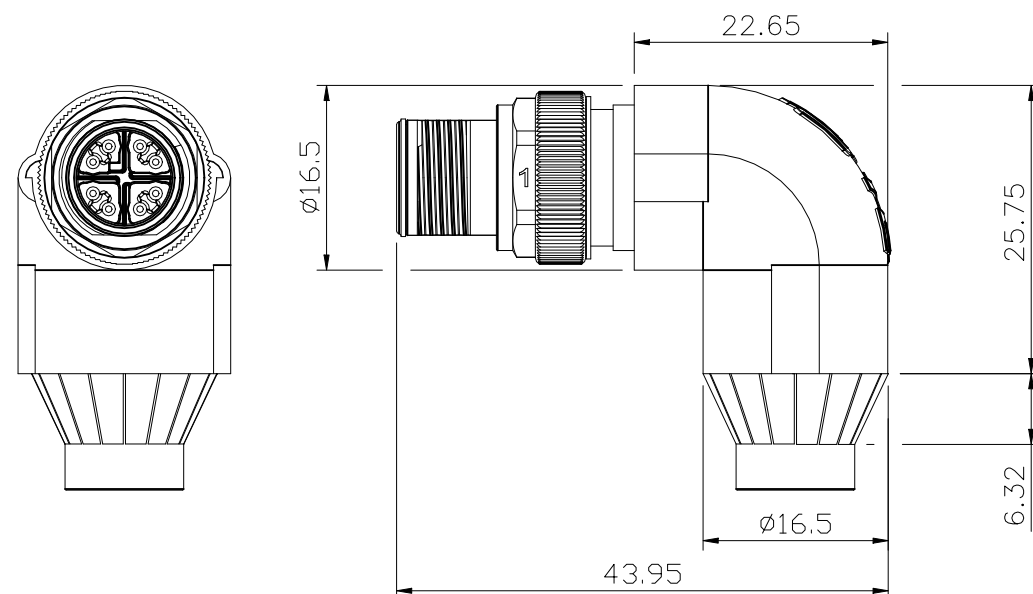




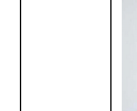





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PROJECT	PRJ-14-000004825
PART NO	2350791-X
HV DESC	M12, 90 PIN, X8/8 H+S 84124806
CUSTOMER	GENERAL MARKET

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	CRIMP TOOL INFORMATION UPDATE	18JAN2021	GK	SE



SHOWN: MALE CONNECTOR WITH COVER

												Cable preparation		Recommended Contact crimping tools			Recommended Jacket Crimping Tools		Crimp Flange insertion		
																					
TE PN	Description	Coding	Number of positions	Gender	Number of contacts included	Connector type	Applicable on cable	Manufacturer PN	Category	Color	Conductor size	Conductor stripping	Jacket cutting	Hand tool	Contact positioner	Crimp Selection number*	Crimp tTool	Tool Setting	Handle	Insert for handle	Connector assembly too
2350791-1	M12 X-M-8,90,CRIMP,CAT7,H&S 84124806	X	8	Male	8	Right Angle	Radox 8.2mm	H&S 84124806	Cat 7	Black	8 x AWG24	734185-1	2119000-1	601966-1	2-2823582-0	5	2380757-2	BLUE	1-2823560-1	1-2823561-1	1-2823564-1
2350791-2	M12 X-M-8,90,CRIMP,CAT7,TE 2297799-1					Right Angle	TE Cat 7 cable TECC0011C7	TE 2297799-1	Cat 7	Blue	8 x AWG24							YELLOW			


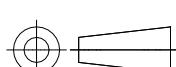
*TOOL SETTING MUST BE VALIDATED ON CABLE USED



ISO VIEW
M12 X-8 MALE CONNECTOR

NOTES:

- ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY.
- PACKAGING: 1 PIECE IN A BOX, CONTACTS INCLUDED.
- THE CONNECTOR IS AS PER IEC 61076-2-109.
- TEMPERATURE RANGE: WITH CABLE BOOT -40°C TO +70°C.
WITHOUT CABLE BOOT -40°C TO +85°C.
- VIBRATION & SHOCK TEST CONDUCTED AS PER IEC 61373:61373 CAT 1 CLASS B & CAT 2.
- FIRE PERFORMANCE CONDUCTED AS PER EN45545-2 HL3 R22/R23, NFF16-101 AND NFF16-102.
- SPECIAL CRIMP FLANGE SYSTEM WITH CRIMP INSERT AND CRIMP SLEEVE SECURES THE EFFECTIVE SHIELDING OVER THE LIFETIME WITH EXTREMELY HARD CONDITIONS.
- VIBRATION AND TORSION-PROOF CABLE STRAIN RELIEF FOR ROUGH ENVIRONMENT ACHIEVED BY HEXAGONAL CRIMP OF THE CRIMP SLEEVE OF THE CRIMP FLANGE SYSTEM.
- DEGREE OF PROTECTION: IP 67 (ONLY SCREW-LOCKED).
- DATA TRANSMISSION RATE: UP TO 10Gbit/SEC ACC. TO IEC 802.3an CATEGORY 6A.
- CURRENT RATING: 0.5A, NOMINAL VOLTAGE: 48V, CONTACT RESISTANCE: $\leq 5 \text{ m}\Omega$, INSULATION RESISTANCE: $\geq 100 \text{ m}\Omega$.
- DURABILITY: ≥ 250 MATING CYCLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GOPALAKRISHNA HV 16APR2019		 TE Connectivity	
		CHK S EGBERT 16APR2019			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME M12, X-CODED RAIL MALE 8 CRIMP CONNECTORS	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -			
MATERIAL -		FINISH -		APPLICATION SPEC -	
		WEIGHT -		SIZE A3	
				CAGE CODE 00779	
				DRAWING NO C-2350791	
				RESTRICTED T -	
CUSTOMER DRAWING				SCALE -	
				SHEET 1 OF 1	
				REV A2	

Mouser Electronics

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