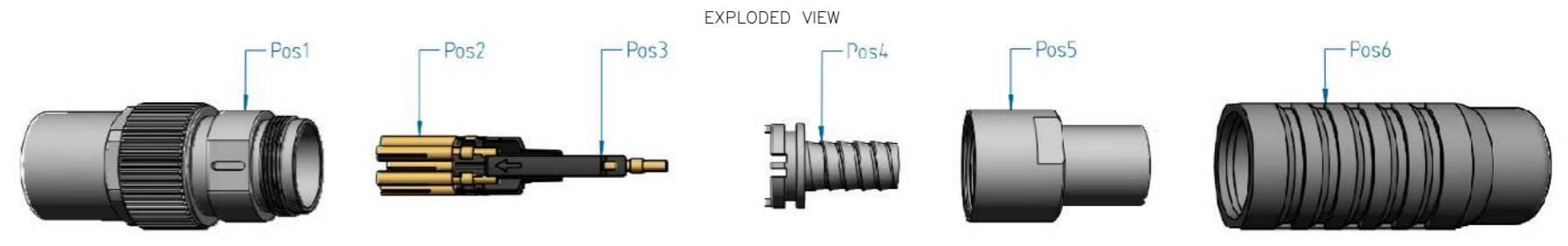
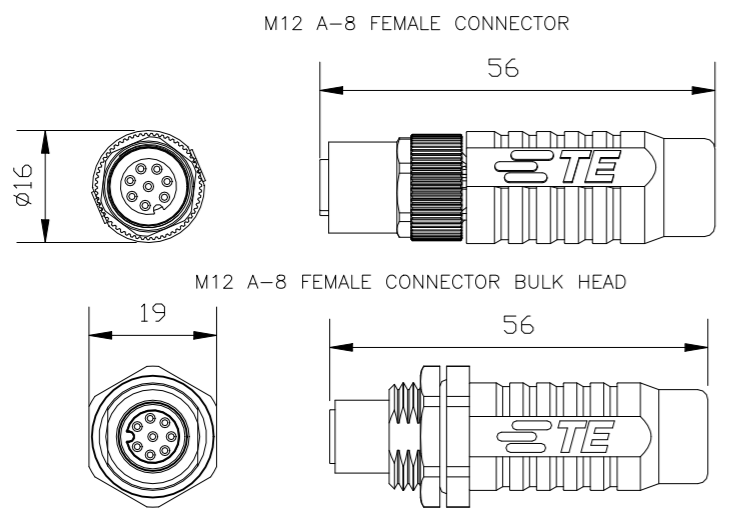
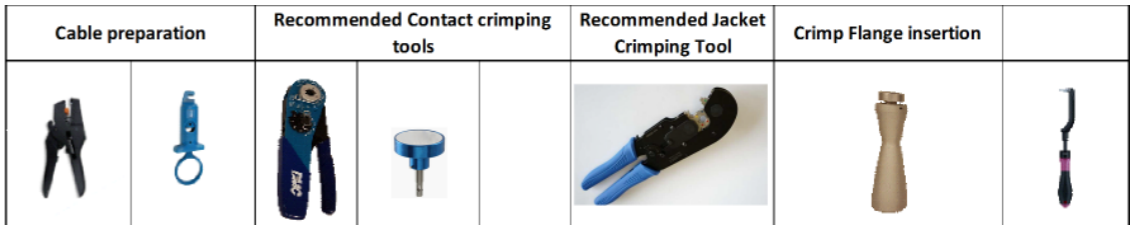


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PROJECT	PRJ-14-000004825
PART NO	X-2823448-X
HV DESC	M12, A-CODED,RAIL FEMALE,8 CRIMP
CUSTOMER	GENERAL MARKET

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	CRIMP TOOL INFORMATION UPDATED	13JAN2021	GK	SE



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 tool	Tool Setting	Handle	Insert for handle	Connector assembly tool
1-2823448-1	M12 A-F-8 CRIMP ST,CAT7 RADOX8.2MM,H&S	A	8	Female	8	Straight	Radox 8.2mm	H&S 84124806	Cat 7	Black	8 x AWG24	734185-1	2119000-1	601966-1	1-2823582-9	5	2380757-2	BLUE	1-2823560-1	1-2823561-1	1-2823564-1
1-2823448-2	M12 A-F-8 CAT7 BETATRAN C-FLEX 8.8MM,LEO					Straight	Betrans C-Fle 8.8mm	Leoni 302834 - 871433	Cat 7	Black	8 x AWG24							RED			
1-2823448-3	M12 A-F-8 CRI ST CAT 5 MEGALI 5.3MM,LEON					Straight	Megaline 5.3mm Leoni	Leoni 20123 3103012	Cat 5	Grey	8 x AWG26							WHITE			
1-2823448-4	M12 A-F-8 CRIMP ST CAT 7 RADOX 8.2MM,H&S					Straight	Radox 8.2mm	H&S 84124806	Cat 7	Black	8 x AWG24							BLUE			
1-2823448-5	M12 A-F-8 CRIMP ST CAT 7 RADOX 8.2MM,H&S					Bulkhead	Megaline 5.3mm Leoni	Leoni 20123 3103012	Cat 5	Grey	8 x AWG26							WHITE			
1-2823448-6	M12 A-F-8 ,CAT 7 RADOX8.2MM,H&S					Bulkhead	Radox 8.2mm	H&S 84124806	Cat 7	Black	8 x AWG24							BLUE			
1-2823448-9	M12 A-F-8 CR CAT 7, 8.4MM,TE 2297799-1					Bulkhead	TE Cat 7 cable TECC0011C7	TE 2297799-1	Cat 7	Blue	8 x AWG24							YELLOW			



*TOOL SETTING MUST BE VALIDATED ON CABLE USED

- NOTES:
- ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY.
 - PACKAGING: 1 PIECE IN A BOX, CONTACTS INCLUDED.
 - THE CONNECTOR IS AS PER IEC 61076-2-101
 - 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:CAT 1 CLASS B.
 - 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/S
 - CURRENT RATING: 2A, NOMINAL VOLTAGE: 30V, CONTACT RESISTANCE: ≤ 5 mΩ, INSULATION RESISTANCE: ≥ 100 mΩ.
 - DURABILITY: ≥ 200 MATING CYCLES

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	16APR2019	 TE Connectivity	M12, A-CODED RAIL FEMALE 8 CRIMP CONNECTORS -			
CHK	16APR2019					
APVD	16APR2019					
NAME						
PRODUCT SPEC	108-156001	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
MATERIAL	-	WEIGHT	24g	A3 00779	C-2823448	
CUSTOMER DRAWING			SCALE	NTS	SHEET 1 OF 1	REV A3