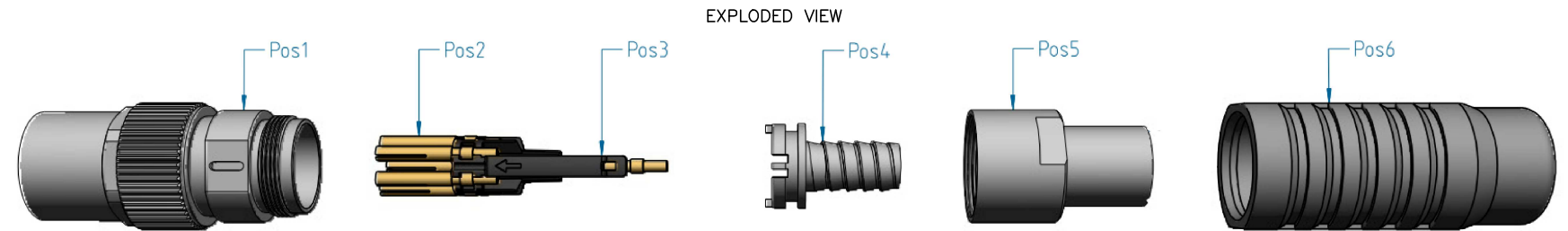
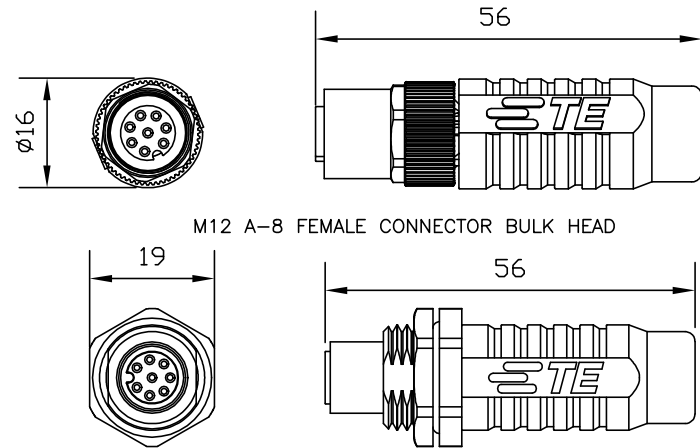


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PROJECT	PRJ-14-000004825		
PART NO	X-2823448-X		
HV DESC	M12, A-CODED,RAIL FEMALE,8 CRIMP		
CUSTOMER	GENERAL MARKET		

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED TO CORRECT TOOLING INFORMATION	16APR2019	GK	SE

M12 A-8 FEMALE CONNECTOR

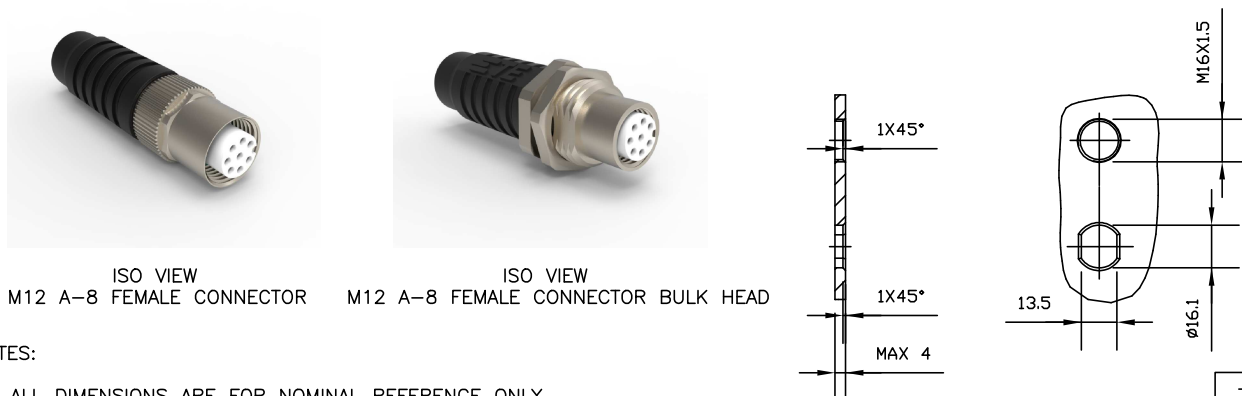


Cable preparation		Recommended Contact crimping tools			Recommended jacket crimping tools		Crimp Flange insertion			
										
	Conductor stripping	Jacket cutting	Hand tool	Contact positioner	Crimp Selection number*	Crimp tool	Crimp Die	Handle	Insert for handle	Connector assembly tool
4	734185-1	2119000-1	601966-1	1-2823582-9	5	1-2823557-1	1-2823558-6	1-2823560-1	1-2823561-1	1-2823564-1
4							1-2823558-7			
6							1-2823558-1			
4							1-2823558-6			
6							1-2823558-1			
4							1-2823558-6			
4							1-2823558-5			

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	Crimp Die	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	1-2823557-1	1-2823558-6	1-2823560-1	1-2823561-1	1-2823564-1
1-2823448-2	M12 A-F-8 CAT7 BETATRAN C-FLEX 8.8MM,LEO					Straight	Betatrans C-Fle 8.8mm	Leoni 302834 - 871433	Cat 7	Black	8 x AWG24							1-2823558-7			
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							1-2823558-1			
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							1-2823558-6			
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							1-2823558-1			
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							1-2823558-6			
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							1-2823558-5			

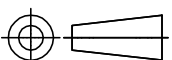
PANEL CUT-OUT AS SHOWN

*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: $\leq 5 \text{ m}\Omega$, INSULATION RESISTANCE: $\geq 100 \text{ m}\Omega$.
- DURABILITY: ≥ 200 MATING CYCLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16APR2019 GOPALAKRISHNA HV CHK 16APR2019 S EGBERT APVD 16APR2019 S EGBERT PRODUCT SPEC 108-156001 APPLICATION SPEC —		 TE Connectivity Ltd.	
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		NAME M12, A-CODED RAIL FEMALE 8 CRIMP CONNECTORS —	
					
MATERIAL —		FINISH —		WEIGHT 24 g CUSTOMER DRAWING	
				SIZE A3	CAGE CODE 00779
				DRAWING NO C-2823448	
				RESTRICTED TO —	
				SCALE NTS	SHEET 1 OF 1
				REV A2	