

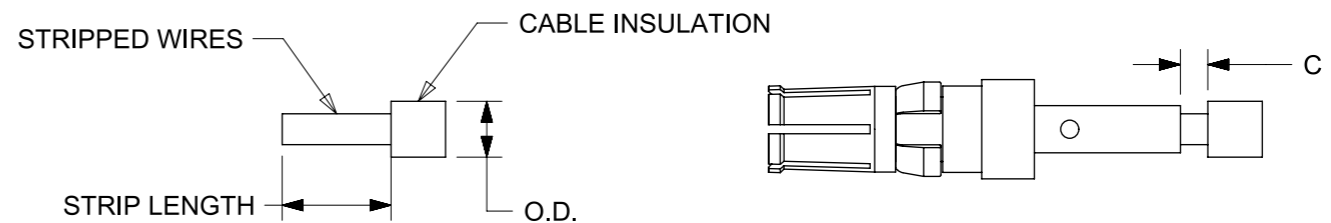
NOTES:

- 1.MATERIAL: COPPER ALLOY
- 2.PLATING-
MATING AREA: 0.1µm MIN. Au over 2µm MIN. NiP
TERMINATION AREA: 0.2µm MIN. Au over 2µm MIN. Ni
- 3.PRODUCT SPECIFICATION:
CIRCULAR CONNECTOR: 2009140003 PS
INLINE CONNECTOR: 2018400030 PS
- 4.APPLICATION SPECIFICATION: 2009140003-AS (CIRCULAR CONNECTOR)
- 5.PACKAGING SPECIFICATION: 2018460001 PDD PK
- 6.MATES WITH THE TERMINAL SERIES 201845
- 7.USED WITH HOUSING SERIES 200915/ 201841
- 8.A)MAXIMUM ALLOWED OVERALL WIRE DIAMETER IS 6.50MM FOR SERIES 201841
B)MAXIMUM ALLOWED OVERALL WIRE DIAMETER IS 5.50MM FOR SERIES 200915
- 9.DIMENSIONS IN BRACKETS ARE REFERENCE ONLY.
- 10.CRIMP TOOL DETAILS
FCT TOOLS
HAND TOOL: M309
PNEUMATIC CRIMP TOOL: WA27-309
DIE: SP994
SELECTOR NUMBER:
AWG 10/ SEL. 7
AWG 12/ SEL. 6

RoHS compliant by exemption 6(c)

CRIMP DETAILS

- FOR STRIP LENGTH CONSIDER ESTABLISHED TECHNICAL CRIMP SPECIFICATION, FOR EXAMPLE IPC/WHMA-A-620.
- IN ADDITION KEEP CLEARANCE 'C' BETWEEN INSULATION AND CONTACT BARREL LESS THAN 50% OF OVERALL WIRE O.D., WITH A RECOMMENDATION OF MAX. 1MM CLEARANCE C.
- PUSH STRIPPED WIRES INTO TERMINAL UP TO STOP.
- AFTER CRIMPING CHECK IF STRIPPED WIRES ARE VISIBLE IN INSPECTION HOLE.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
QUALITY SYMBOLS	DRAWING UPDATE	EC NO: 111695	DRWN: MRAMAKRISHNA	CHK'D: ISHWARG	REV APPR: ISHWARG	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE			
						ANGULAR TOL ± °		MM	5:1				
▽A = 0						4 PLACES ±		DRWN BY	DATE	molex®			
▽E = 0						3 PLACES ±	MRAMAKRISHNA	2016/04/04					
▽F = 0						2 PLACES ± 0.13		CHK'D BY	DATE	MULTICAT FEMALE CRP CONTACT 30A 10-12AWG			
▽ = 0						1 PLACE ± 0.25	MRAMAKRISHNA	2016/04/25					
▽C = 0						0 PLACES ±		APPR BY	DATE	PRODUCT CUSTOMER DRAWING			
▽ = 0						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ISHWARG	2016/12/13					
▽ = 0								DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER	
								A3		201846	2018460030	GENERAL MARKET	
										DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
										2018460030	PSD	000	1 OF 1