

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 201846
- 7.USED WITH HOUSING SERIES 200914/201840
- 8.A)MAXIMUM ALLOWED OVERALL WIRE DIAMETER IS 6.50MM FOR SERIES 201840
B)MAXIMUM ALLOWED OVERALL WIRE DIAMETER IS 5.50MM FOR SERIES 200914
- 9.DIMENSIONS IN BRACKETS ARE REFERENCE ONLY.
- 10.CRIMPING TOOL DETAILS

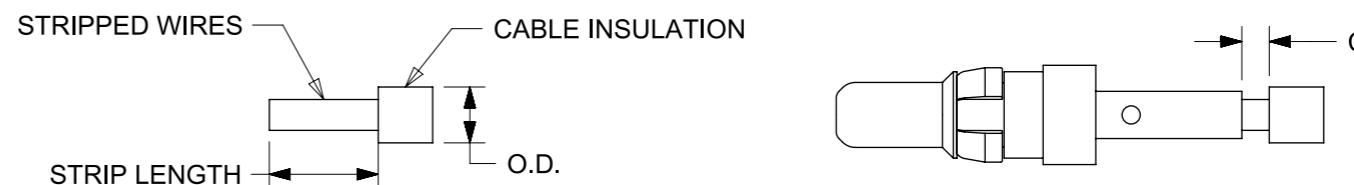
FCT TOOLS

- HAND TOOL: M309
 PNEUMATIC CRIMP TOOL: WA27-309
 DIE: SP994
 SELECTOR NUMBER:
 AWG 16/ SEL. 3
 AWG 18/ SEL. 2

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.



QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DRAWING UPDATE EC NO: 111695 DRWN: MRAMAKRISHNA CHK'D: ISHWARG REV APPR: ISHWARG	2016/12/19 2016/12/20		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		DIMENSION UNITS MM		SCALE 5:1		 MULTICAT MALE CRP CONTACT 10A 16-18AWG		
		4 PLACES ±		DRWN BY MRAMAKRISHNA		DATE 2016/04/01						
		3 PLACES ±		CHK'D BY MRAMAKRISHNA		DATE 2016/04/25						
		2 PLACES ± 0.13		APPR BY ISHWARG		DATE 2016/12/13						
		1 PLACE ± 0.25		DRAWING SIZE A3		THIRD ANGLE PROJECTION 						
	0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES 201845		MATERIAL NUMBER 2018450010		CUSTOMER GENERAL MARKET			
	A1		REV		DOCUMENT NUMBER 2018450010		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 1	