



NOTES:

- 1) MATERIAL: HSM COPPER
- 2) TERMINAL PLATING: 0.00254/.000100 MIN BRIGHT TIN OVER
0.00127/.000050 MIN NICKEL PLATE
- 3) PRODUCT SPECIFICATION: 2039510000-RPS
- 4) PACKAGING SPECIFICATION: 2039510000-RPK
- 5) TERMINAL FOR USE IN MICRO-FIT RECEPTACLE SERIES 43025, 43645, 44133, AND 46623.
- 6) SEE RECEPTACLE DRAWINGS FOR TERMINAL ORIENTATION IN HOUSING.
- 7) THIS TERMINAL IS DESIGNED IN METRIC.
- 8) MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 43020, 43045, 43640, 43650 OR 43031) FOR HARNESS TESTING PURPOSES.
- 9) PART IS DESIGNED FOR 18AWG 1061 STYLE WIRE OR A 1.85/.073 MAXIMUM INSULATION OUTSIDE DIAMETER.
- 10) MOLEX PROPRIETARY CONTACT LUBRICATION APPLIED IN THE CONTACT AREA BY THE FACTORY.

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS	SCALE		CURRENT REV DESC: REVISED TITLE
∇ = 0	MM/IN	20:1		EC NO: 616651 DRWN: JBAUMERT 2019/05/03 CHK'D: MKIPPER 2019/05/23 APPR: FSMITH 2019/05/28
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
∇ = 0		MM	INCH	INITIAL REVISION: DRWN: JDFOX 2017/02/09 APPR: FSMITH 2017/02/09
∇ = 0	4 PLACES	±	±	
∇ = 0	3 PLACES	±	± 0.01	THIRD ANGLE PROJECTION
∇ = 0	2 PLACES	± 0.25	± 0.014	
∇ = 0	1 PLACE	± 0.38	±	DRAWING
∇ = 0	0 PLACES	±	±	SERIES
∇ = 0	ANGULAR TOL	± 0.5 °		C-SIZE
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			203951

molex

MICROFIT HIGH CURRENT RMF 18AWG FEMALE CRIMP TERMINAL REDUCED MATING FORCE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2039510001-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2039510001		1 OF 1

REPLACES 2039510001-RSD