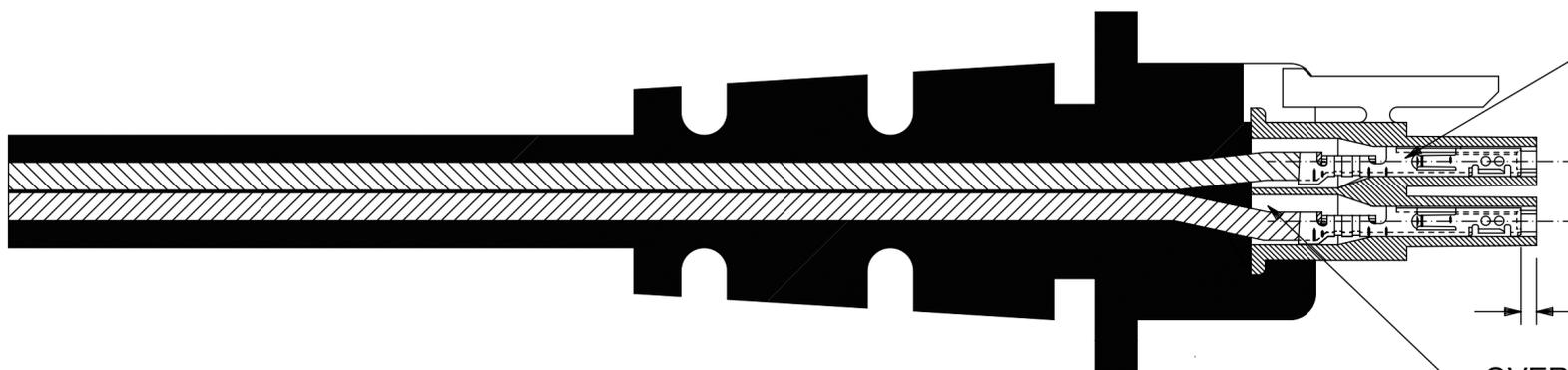


OVERMOLDER MAY UTILIZE AT THEIR DISCRETION A CAP SIMILAR TO THIS DESIGN TO PREVENT OVERMOLDING MATERIAL FROM ENTERING WIRE CRIMP AREA OF HOUSING

SUGGESTED MATERIAL FOR CAP:  
MINERAL FILLED PVC

TERMINALS MUST BE CENTERED IN RECEPTACLE PRIOR TO OVERMOLDING



TERMINALS SHOULD BE FULLY SEATED (APPROXIMATELY .030/(0.76) FROM TOP OF SILOS) BEFORE OVERMOLDING

.030  
(0.76) REF

OVERMOLD MATERIAL SHOULD NOT PROCEED PAST WIRE CRIMP

SECTION A-A

NOTES:

- 1) THIS DRAWING APPLIES TO 43025 AND 43645 SERIES RECEPTACLES.
- 2) OVERMOLDING MATERIAL SHOULD NOT ENCAPSULATE THE TERMINAL IN AND AROUND THE WIRE CRIMP AREA.
- 3) TERMINALS MUST BE CENTERED AND PERPENDICULAR INSIDE THE RECEPTACLE HOUSING BEFORE AND AFTER OVERMOLDING.
- 4) DEVICE USED TO CENTER TERMINALS MUST NOT EXCEED .020/(0.51) SQUARE IN ORDER TO PREVENT TERMINAL DEFORMATION.
- 5) OVERMOLD TOOLING MUST NOT DAMAGE INTERNAL OR EXTERNAL FEATURES OF CABLE ASSEMBLY.
- 6) THE OVERMOLDING TEMPERATURES DURING PROCESSING MUST NOT EXCEED 328°F/(164°C)
- 7) REMOVAL OF CABLE ASSEMBLY FROM THE TOOLING MUST NOT IN ANY WAY DAMAGE THE SUPPLIED COMPONENTS.
- 8) MOLEX IS RESPONSIBLE ONLY FOR COMPONENTS SUPPLIED TO THE OVERMOLDER, BUT NOT FOR NONCONFORMANCES INDUCED DURING THE OVERMOLDING PROCESS, SUCH AS OVERMOLD MATERIAL IN THE CONTACT AREA, TERMINALS THAT ARE EITHER OUT OF CENTER OR LACK OF TERMINAL MOBILITY AFTER BEING OVERMOLDED, AND ANY DEFORMATION TO TERMINALS OR HOUSINGS IN GENERAL.

PENDING APPROVAL

THIS DRAWING REPLACES DRAWINGS SDES-43025-1000 AND SDES-43645-1000.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
∇ = 0	IN/MM	SCALE	4:1		
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 168740		
∇ = 0	MM	INCH	DRWN: AZAHIROVIC	2017/11/28	MICRO-FIT(3.0) OVERMOLDING SPECIFICATION
S = 0	4 PLACES ±	±	CHK'D: SSOUSEK	2018/06/01	
∇ = 0	3 PLACES ±	±	APPR:	INITIAL REVISION:	DOCUMENT NUMBER
∇ = 0	2 PLACES ±	±	DRWN: AZAHIROVIC	2017/11/28	430250000-AS
∇ = 0	1 PLACE ±	±	APPR: FSMITH	2017/11/28	PS 000 A
∇ = 0	0 PLACES ±	±	THIRD ANGLE PROJECTION	DRAWING	SERIES
∇ = 0	ANGULAR TOL ± °		⊕	C-SIZE	43025
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NUMBER	CUSTOMER
				NA	GENERAL MARKET
					SHEET NUMBER
					1 OF 1

DOCUMENT STATUS	RQ	RELEASE DATE
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