



CKTS	FINISH A MATERIAL NO:	FINISH B MATERIAL NO:	FINISH C MATERIAL NO:	FINISH D MATERIAL NO:
02	43045-0209	43045-0210	43045-0211	43045-0292
04	43045-0409	43045-0410	43045-0411	43045-0492
06	43045-0609	43045-0610	43045-0611	43045-0692
08	43045-0809	43045-0810	43045-0811	43045-0892
10	43045-1009	43045-1010	43045-1011	43045-1092
12	43045-1209	43045-1210	43045-1211	43045-1292
14	43045-1409	43045-1410	43045-1411	43045-1492
16	43045-1609	43045-1610	43045-1611	43045-1692
18	43045-1809	43045-1810	43045-1811	43045-1892
20	43045-2009	43045-2010	43045-2011	43045-2092
22	43045-2209	43045-2210	43045-2211	43045-2292
24	43045-2409	43045-2410	43045-2411	43045-2492

- NOTES:
- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER UL94V-0, COLOR: BLACK, TERMINAL MATERIAL: BRASS ALLOY
 - FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE. (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW).
B = .000015/(0.00038) MIN. GOLD IN SELECTIVE AREA; .000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKLE PLATE.
C = .000030/(0.00076) MIN. GOLD IN SELECTIVE AREA; .000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKLE PLATE.
D = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE.
 - PRODUCT SPECIFICATION: PS-43045
 - TAPE AND REEL PACK: SEE MOLEX DRAWING 430450001-PK.
 - MATES WITH MOLEX RECEPTACLE SERIES 43025
 - THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL OR NAIL MUST NOT EXCEED .006/0.15.
 - CIRCUIT SIZES 2-6: "D" IS 0.265/6.74 FOR .010/0.25 STEP. CIRCUIT SIZES 8-24: "D" IS .063/1.60 FOR .010/0.25 STEP.
 - TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
 - METAL TAB MAY BE FLUSH WITH PCB. NO EXPOSED TRACES OR VIAS ALLOWED NEAR THESE AREAS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

CKTS	A	B	C
02	.262/6.65	NA	.441/11.20
04	.380/9.65	.118/3.00	.559/14.20
06	.498/12.65	.236/6.00	.677/17.20
08	.616/15.65	.354/9.00	.795/20.20
10	.734/18.65	.472/12.00	.913/23.20
12	.852/21.65	.591/15.00	1.031/26.20
14	.970/24.65	.709/18.00	1.150/29.20
16	1.088/27.65	.827/21.00	1.268/32.20
18	1.206/30.65	.945/24.00	1.386/35.20
20	1.325/33.65	1.063/27.00	1.504/38.20
22	1.443/36.65	1.181/30.00	1.622/41.20
24	1.561/39.65	1.299/33.00	1.740/44.20

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SYMBOLS: $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$, $\nabla = 0$

DIMENSION UNITS: IN/MM, SCALE: NTS

CURRENT REV DESC: MICROFIT PK SPEC REF

GENERAL TOLERANCES (UNLESS SPECIFIED):
 4 PLACES ±, 3 PLACES ±, 2 PLACES ±, 1 PLACE ±, 0 PLACES ±
 ANGULAR TOL ± 0.5°

EC NO: 611607
 DRWN: SALHAMY 2018/12/26
 CHK'D: SSOUSEK 2019/08/09
 APPR: FSMITH 2019/08/15

INITIAL REVISION:
 DRWN: SAMIEC 2000/03/15
 APPR: FSMITH 2016/02/26

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: C-SIZE, SERIES: 43045

molex

MICRO FIT (3.0) RIGHT ANGLE SMT, NAILS DUAL ROW HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-43045-004, DOC TYPE: PSD, DOC PART: 000, REVISION: G7

MATERIAL NUMBER: SEE CHART, CUSTOMER: GENERAL MARKET, SHEET NUMBER: 1 OF 1