

NOTES:

- HOUSING MATERIAL & PLATING:
 - 0 = NYLON 6/6, UNFILLED UL 94V-2, COLOR: NATURAL, MATTE TIN PLATING
 - 1 = NYLON 6/6, UNFILLED UL 94V-2, COLOR: NATURAL, SELECT GOLD PLATING
 - 2 = NYLON 6/6, UNFILLED UL 94V-0, COLOR: NATURAL, MATTE TIN PLATING
 - 3 = NYLON 6/6, UNFILLED UL 94V-0, COLOR: NATURAL, SELECT GOLD PLATING
- TERMINAL MATERIAL: COPPER ALLOY
- 6-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLE 5557, VERTICAL RECEPTACLE HEADER 46010 & BMI RECEPTACLES 42474, AND 44516. 4 CKT PART MATES WITH HEADERS ONLY.
- PART ALLOWS FOR UP .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION, SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- TERMINAL PLATING:
 - (*A*) .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
 - (*B*) .000030/(.00076) MIN. SELECT GOLD & .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
- PRODUCT SPECIFICATION: TBD
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- PACKAGING SPECIFICATION: PK-42440-001.

CIRCUIT SIZE	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'	DIM. 'E'
4	.17 (4.2)	.38 (9.6)	.535 (13.60)	.590 (15.00)	.685 (17.40)
6	.33 (8.4)	.54 (13.8)	.701 (17.80)	.756 (19.20)	.850 (21.60)
10	.66 (16.8)	.87 (22.2)	1.031 (26.20)	1.087 (27.60)	1.181 (30.00)
14	.99 (25.2)	1.20 (30.6)	1.362 (34.60)	1.417 (36.00)	1.512 (38.40)
18	1.32 (33.6)	1.54 (39.0)	1.693 (43.00)	1.748 (44.40)	1.843 (46.80)
24	1.82 (46.2)	2.03 (51.6)	2.189 (55.60)	2.244 (57.00)	2.339 (59.40)

LEGEND

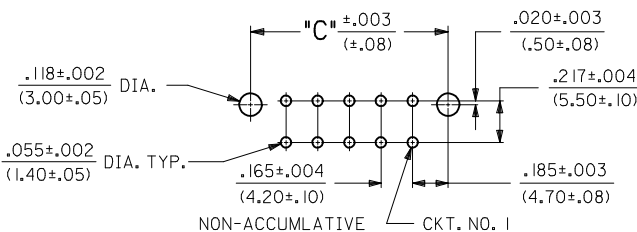
46011 - **0*

BASE NUMBER

CIRCUIT SIZE

HOUSING MATERIAL & PLATING

- 0 = V-2 / 'A' MATTE TIN
- 1 = V-2 / 'B' SELECT GOLD
- 2 = V-0 / 'A' MATTE TIN
- 3 = V-0 / 'B' SELECT GOLD



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

(SCALE: 2X)

UPDATE DIMENSION	2012/08/20	QUALITY SYMBOLS
EC NO: UCP2013-0706	2012/08/20	▽=0
DRW: NGUYEN	2012/08/20	▽=0
CHKD: JEBEL	2012/09/05	▽=0
APPR: FSMITH		
REV	DESCRIPTION	
B1		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ±---	±---
3 PLACES ±---	±.010
2 PLACES ±.25	±.015
1 PLACE ±.38	±---
0 PLACE ±	±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
TGREGORI	2006/05/19
CHECKED BY	DATE
JCOMERC I	
APPROVED BY	DATE
JCOMERC I	
MATERIAL NO.	
SEE SHEET 2	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
TITLE		
MINI-FIT VERTICAL BMI HEADER ASSEMBLY (HCS PLUS SERIES)		
molex		
DOCUMENT NO.	SHEET NO.	
SD-46011-001	1 OF 2	
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