

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS		
	NUMBER OF POSITION	PANEL MOUNT OPTION	MATERIAL
43020-0200	02	YES	"B"
43020-0201	02	NO	
43020-0400	04	YES	
43020-0401	04	NO	
43020-0600	06	YES	
43020-0601	06	NO	
43020-0800	08	YES	
43020-0801	08	NO	
43020-1000	10	YES	
43020-1001	10	NO	
43020-1200	12	YES	"A"
43020-1201	12	NO	
43020-1400	14	YES	
43020-1401	14	NO	
43020-1600	16	YES	
43020-1601	16	NO	
43020-1800	18	YES	
43020-1801	18	NO	
43020-2000	20	YES	
43020-2001	20	NO	
43020-2200	22	YES	
43020-2201	22	NO	
43020-2400	24	YES	
43020-2401	24	NO	

CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
14	.860/(21.85)	.709/(18.00)	.874/(22.21)	1.019/(25.88)
16	.978/(24.85)	.827/(21.00)	.992/(25.21)	1.137/(28.88)
18	1.096/(27.85)	.945/(24.00)	1.110/(28.21)	1.255/(31.88)
20	1.215/(30.85)	1.063/(27.00)	1.229/(31.22)	1.373/(34.87)
22	1.333/(33.85)	1.181/(30.00)	1.347/(34.22)	1.491/(37.87)
24	1.451/(36.85)	1.299/(33.00)	1.465/(37.22)	1.609/(40.87)

LAST CIRCUIT

CIRCUIT #2

CIRCUIT #1

REF.

270 (6.85)

.118 (3.00)

.076 (1.93) TYP.

.076 (1.93) TYP.

"D"

"B"

"A"

NOTES:

1) HOUSING MATERIAL:

"A" - UNFILLED POLYESTER, RATED U.L. 94V-0, COLOR IS BLACK.

"B" - UNFILLED NYLON, RATED U.L. 94V-0, HALOGEN-FREE, COLOR IS BLACK.

2) FINISH: N/A

3) PRODUCT SPECIFICATION: PS-43045

4) PACKAGING SPECIFICATION: PK-43020-001

5) THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****

6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****

7) DESIGNED FOR .065/(1.6) MINIMUM TO A .100/(2.54) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.

8) SEE SECTION "D"-D" FOR TERMINAL ORIENTATION IN HOUSING.

9) PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.

10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.

SECTION "E"-E"

NO SCALE

SEE NOTE 7

PUNCH SIDE

RECOMMENDED PANEL CUT-OUT

0.078±0.008 (1.98±0.20)

.160±0.004 (4.06±0.10)

.280±0.004 (7.11±0.10)

.343±0.008 (8.71±0.20)

DIM. "C" ±.004 (±0.10)

DIM. "D" ±.002 (±0.05)

.007 (0.18) R MAX.

0.079 REF. 2.00

TERMINAL INSERTION DEPTH

TERMINAL LOCKING TABS MUST BE FULLY SEATED TO HOUSING BEFORE MATING WITH OTHER HALF OF CONNECTOR SYSTEM.

SECTION "B"-B"

TERMINAL STOPS

RECEPTACLE #43025-****

PLUG #43020-****

TERMINAL #43031-****

SECTION "D"-D"

WITH TERMINAL

SCALE: 8X

0.975 (24.77)

.118 (3.00) REF.

PLUG WITH OPTIONAL PANEL MOUNTS

ISO VIEW

(8 CIRCUIT SHOWN)

MATED MICRO-FIT CONNECTOR

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		IN	MM			
▽=0	4 PLACES ± --- ± ---	mm	INCH	4:1	METRIC	MICRO-FIT(3.0) 2 THRU 24 CIRCUIT PLUG WITH OPTIONAL PANEL MOUNTS
▽=0	3 PLACES ± --- ± .010					
▽=0	2 PLACES ± 0.25 ± .014					
▽=0	1 PLACE ± 0.35 ± ---					
▽=0	0 PLACE ± ±					
ANGULAR ±1/2°						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

DATE	DRAWN BY	CHECKED BY	APPROVED BY	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
2015/10/12	AFG	BAP	FSMITH	SEE CHART	SDA-43020-****	1 OF 1

14-18 CKT MAT'L TO "B"

EC NO. UCP2016-1569

DRAWN BY: CHYKSSOUSEK

2015/10/12

2015/10/15

APPROVED BY: TH

REV

SIZE D

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