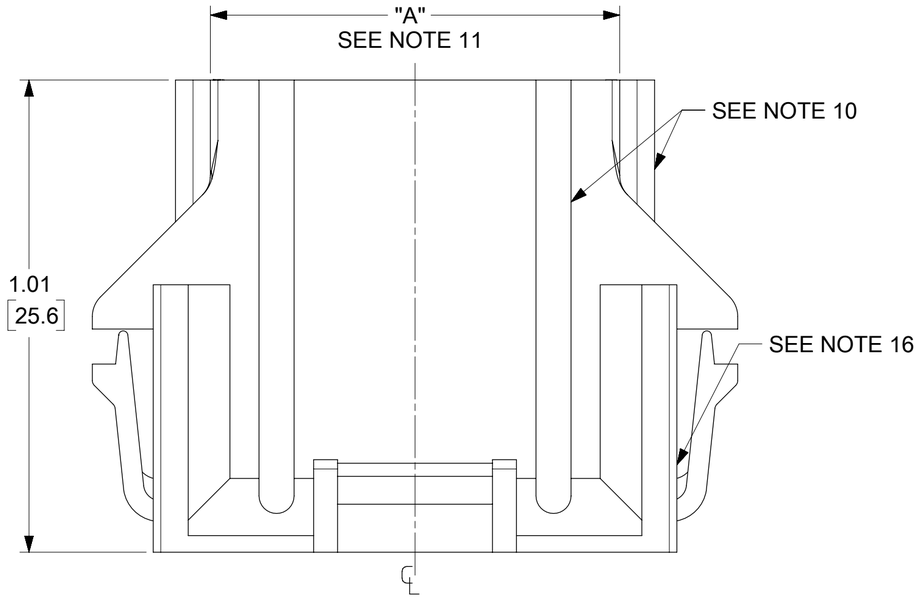
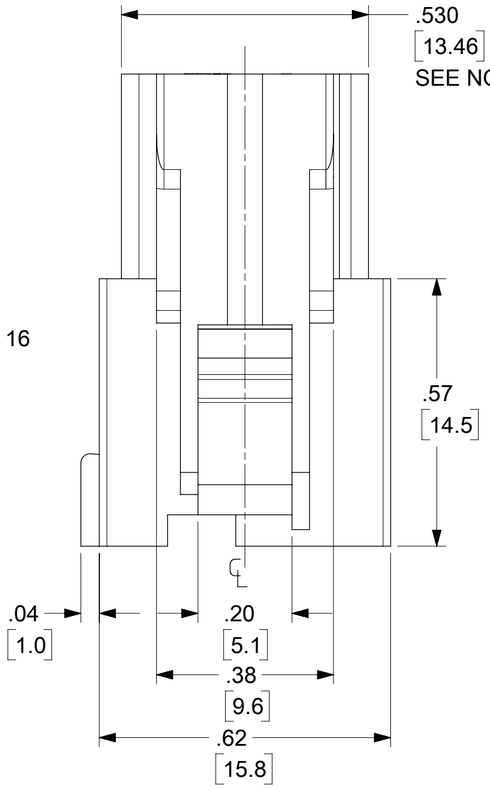
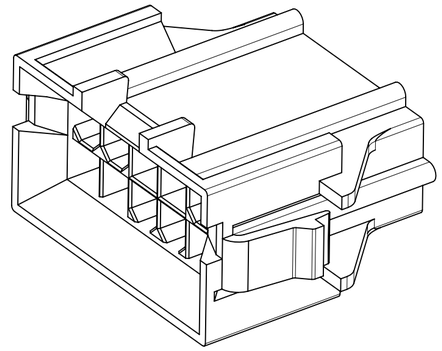
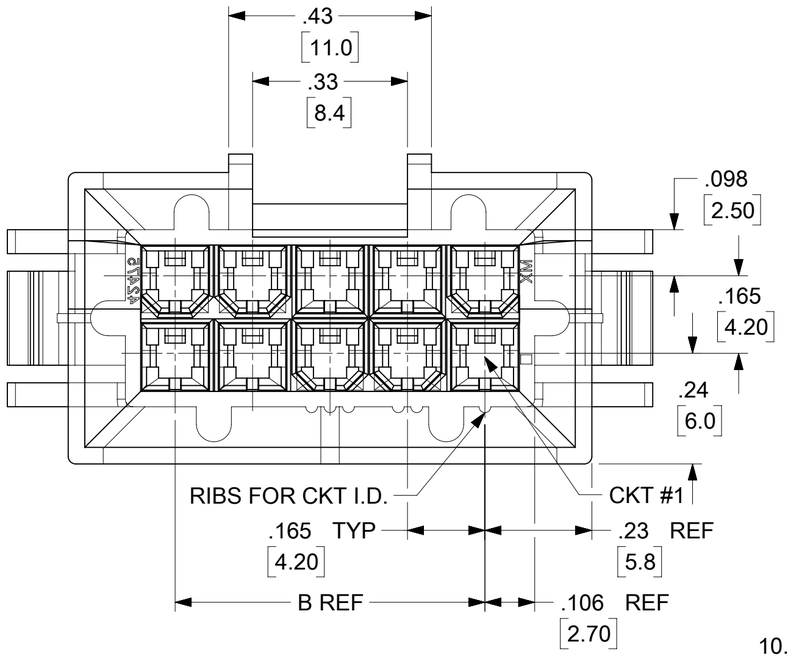
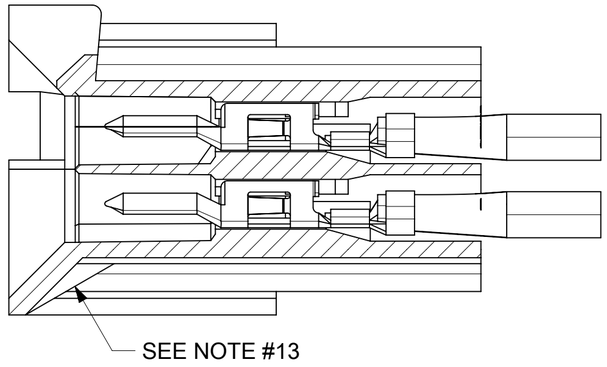




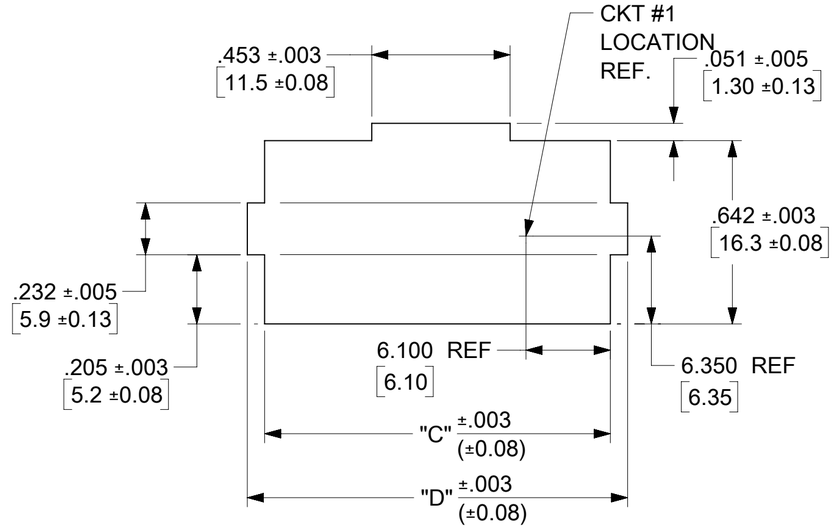


CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "C"	DIM "D"
6	.54 (13.8)	.33 (8.4)	.807 (20.50)	.945 (24.00)
8	.71 (18.0)	.50 (12.6)	.972 (24.70)	1.110 (28.20)
10	.87 (22.2)	.66 (16.8)	1.138 (28.90)	1.276 (32.40)
12	1.04 (26.4)	.83 (21.0)	1.303 (33.10)	1.441 (36.60)
14	1.20 (30.6)	.99 (25.2)	1.469 (37.30)	1.606 (40.80)
16	1.37 (34.8)	1.16 (29.4)	1.643 (41.50)	1.772 (45.00)
18	1.54 (39.0)	1.32 (33.6)	1.799 (45.70)	1.937 (49.20)
20	1.70 (43.2)	1.49 (37.8)	1.965 (49.90)	2.102 (53.40)
22	1.87 (47.4)	1.65 (42.0)	2.130 (54.10)	2.268 (57.60)
24	2.03 (51.6)	1.82 (46.2)	2.295 (58.30)	2.433 (61.80)





SECTION A-A
TERMINAL ORIENTATION



RECOMMENDED CUT-OUT FOR .63/(1.60) MAX.
.038/(0.97) MIN THICK PANEL (6-24 CKT'S)
SCALE : 2X

NOTES:

1. MATERIAL:
   "1" = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: NATURAL
   "2" = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: NATURAL
   "3" = NYLON (PA6/6), UNFILLED, UL94 V-2, COLOR: BLACK
   "4" = NYLON (PA6/6), UNFILLED, UL94 V-0, COLOR: BLACK
   "7" = NYLON (PA6/6), UNFILLED, UL94 V-0, GLOW WIRE,COLOR: BLACK
2. FINISH: NOT APPLICABLE
3. PRODUCT SPECIFICATIONS: PS-5556-002
4. PACKAGING: PK-42474-001.
5. 6-24 CKT. PARTS MATE WITH MOLEX RECEPTACLES 5557, 42385 AND 42474. 2 AND 4 CKT. PARTS MATE WITH 42385 AND 42474 ONLY.
6. PART IS FOR USE WITH MALE TERMINAL #5558.
7. PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
8. PANEL CUT-OUT TO BE PUNCHED IN THE SAME DIRECTION AS CONNECTOR INSERTION.
9. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATIONS PS-45499-022.
10. FOR MANUFACTURING EASE PARTS MAY HAVE OPTIONAL EJECTOR RIBS. SEE SHT.3 FOR LOCATION.
11. DIMENSION DOES NOT INCLUDE EJECTOR RIBS (SEE PAGE #3 FOR PARTS WITH PARTS, RIB DIMENSION AND LOCATION)
12. IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE BE ADDED. REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
13. INTERIOR RIB LOCATION MAY VARY.
14. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
15. WIRES ARE TO DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
16. PARTS MAY HAVE OPTIONAL GUSSET.

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DIMENSION UNITS	SCALE
IN/MM	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 690613
DRWN: HPAN18 2021/12/31
CHK'D: XQZHANG 2022/01/04
APPR: XQZHANG 2022/01/04

INITIAL REVISION:
DRWN: GEP 1989/07/18
APPR: FSMITH 2011/09/02

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 42475

molex

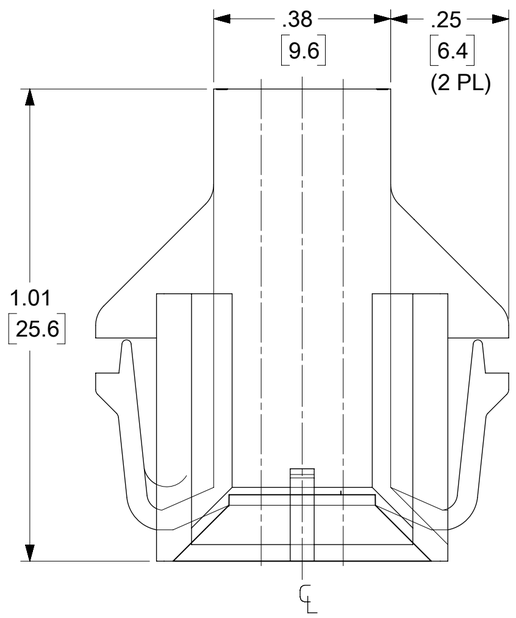
PLUG HOUSING B.M.I.
2-24 CIRCUITS MINI-FIT SERIES

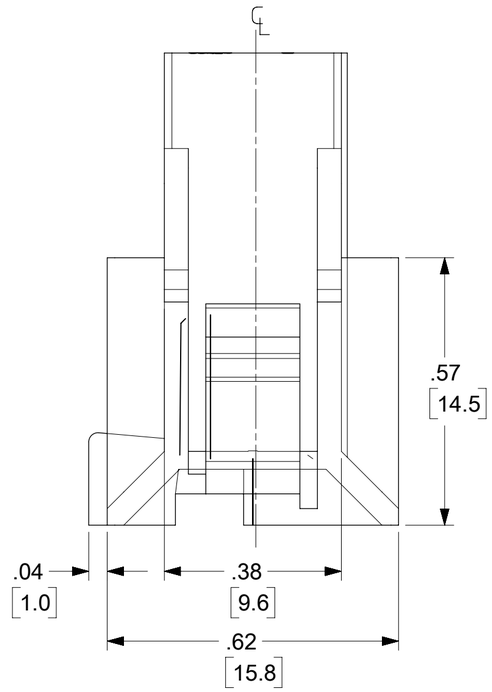
PRODUCT CUSTOMER DRAWING

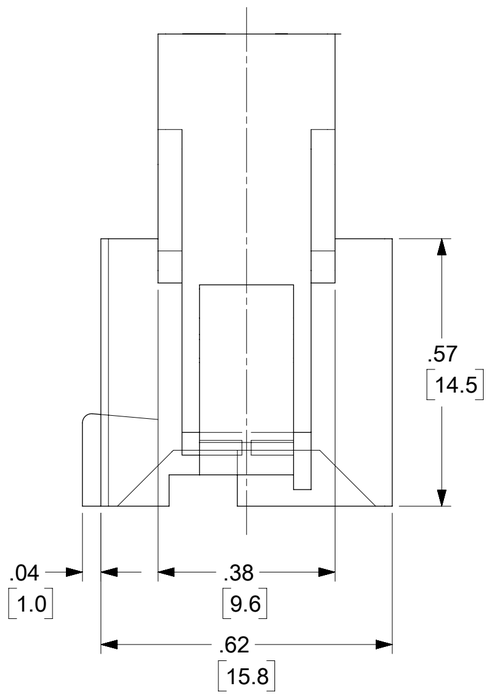
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SD-42475-XXX1	PSD	001	T3

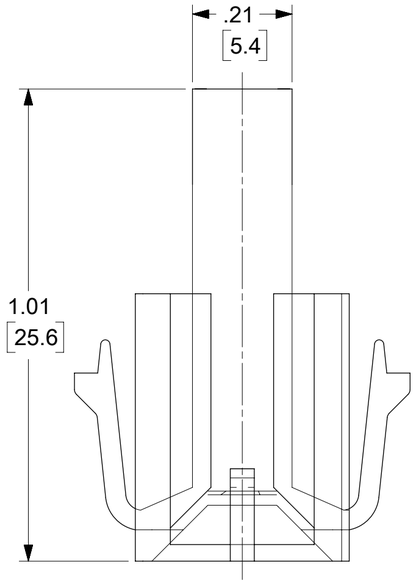
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SEE SHEET 4	GENERAL MARKET	1 OF 4

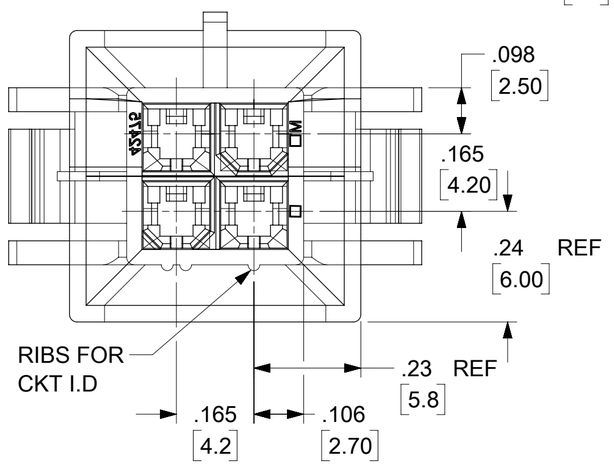
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REVISION: E
DATE: 2020/01/4











RECOMMENDED CUT-OUT FOR .63/(1.60)
MAX. THICK PANEL #1 (2 CKTS)
SCALE: 2X
2 CKT

RECOMMENDED CUT-OUT FOR .63/(1.60)
MAX. THICK PANEL (4 CKTS)
SCALE: 2X
4 CKT

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DIMENSION UNITS	SCALE
IN/MM	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 690613
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INITIAL REVISION:
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APPR: FSMITH 2011/09/02

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 42475

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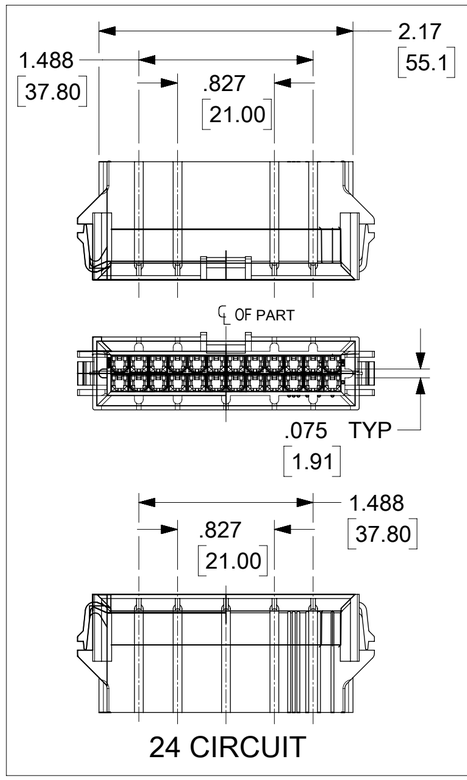
PLUG HOUSING B.M.I.
2-24 CIRCUITS MINI-FIT SERIES

PRODUCT CUSTOMER DRAWING

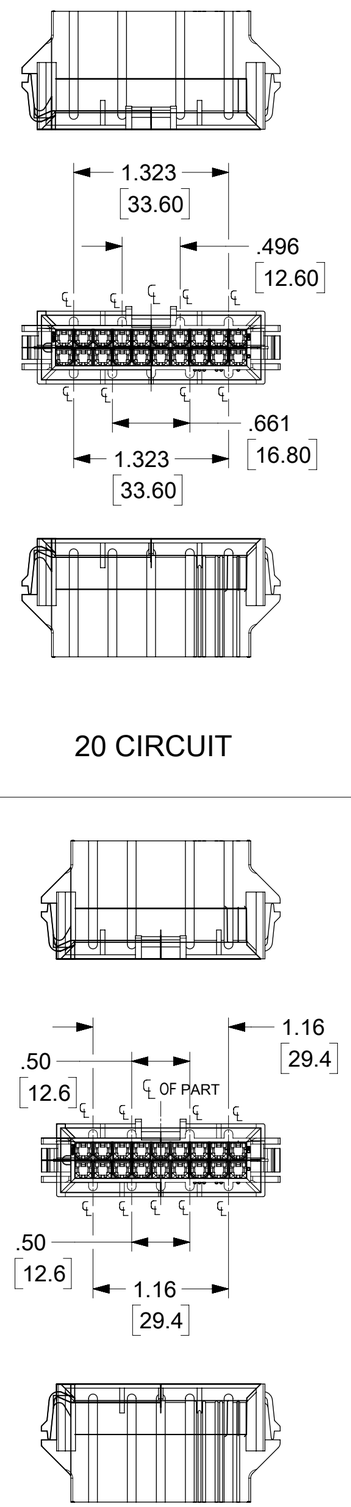
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SD-42475-XXX1	PSD	001	T3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL MARKET	2 OF 4

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E
DATE: 2020/01/14

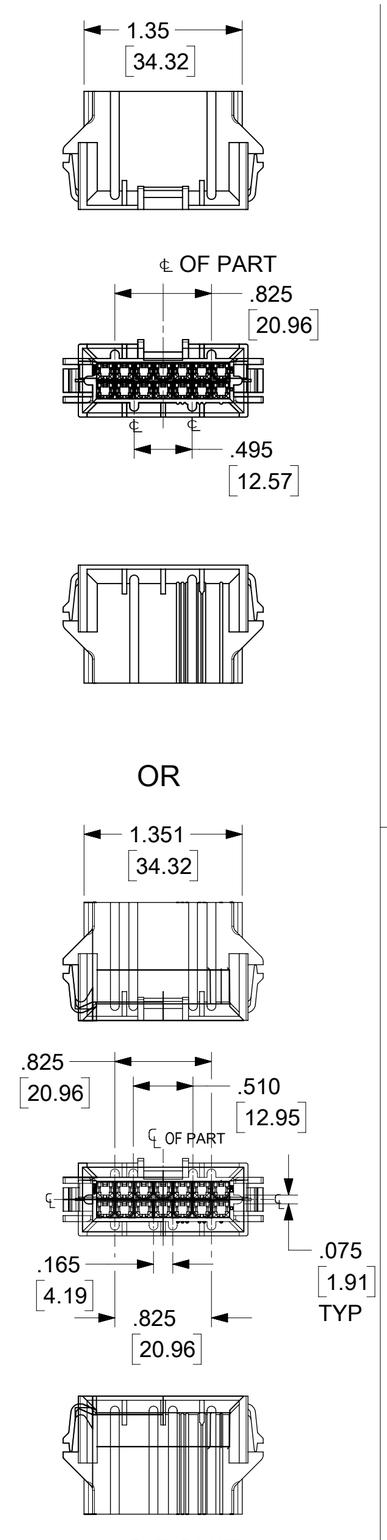


24 CIRCUIT



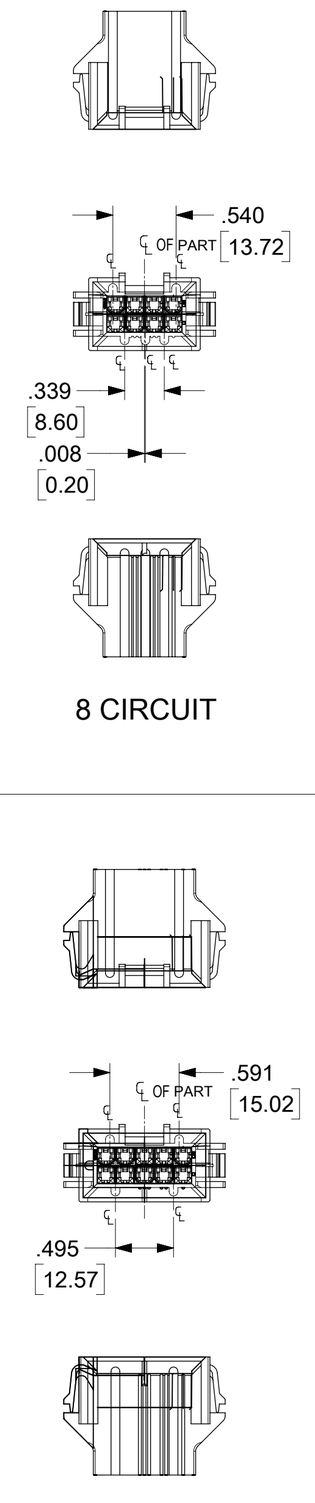
20 CIRCUIT

18 CIRCUIT



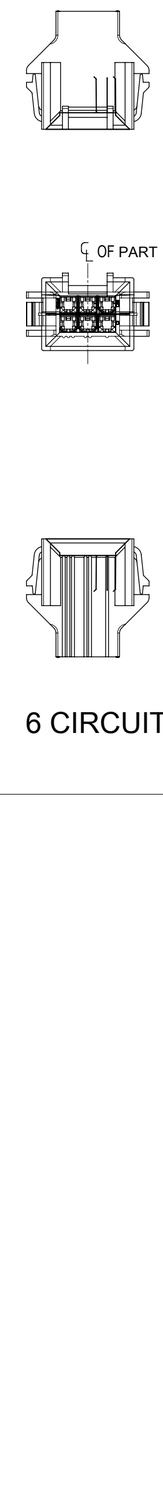
OR

14 CIRCUIT



8 CIRCUIT

10 CIRCUIT



6 CIRCUIT

NOTES:
1. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.

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DIMENSION UNITS	IN/MM
SCALE	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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APPR: XQZHANG 2022/01/04

INITIAL REVISION:
DRWN: GEP 1989/07/18
APPR: FSMITH 2011/09/02

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 42475

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2-24 CIRCUITS MINI-FIT SERIES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-42475-XXX1	PSD	001	T3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04 04:52:14

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REVISION: E
DATE: 2020/11/4

	PART NUMBER	ENG. NUMBER	CKT SIZE	MATERIAL (SEE NOTE 1)
	NOT TOOLED	42475-0211	2	1
	15-06-0045	42475-0411	4	
	15-06-0065	42475-0611	6	
	15-06-0085	42475-0811	8	
	15-06-0105	42475-1011	10	
	NOT TOOLED	42475-1211	12	
	15-06-0145	42475-1411	14	
	NOT TOOLED	42475-1611	16	
	15-06-0185	42475-1811	18	
O	15-06-0205	42475-2011	20	
	NOT TOOLED	42475-2211	22	
	15-06-0245	42475-2411	24	1
	NOT TOOLED	42475-0221	2	2
	15-06-0046	42475-0421	4	
	15-06-0066	42475-0621	6	
	50-36-2323	42475-0821	8	
	15-06-0106	42475-1021	10	
	NOT TOOLED	42475-1221	12	
	15-06-0146	42475-1421	14	
	NOT TOOLED	42475-1621	16	
	15-06-0186	42475-1821	18	
O	15-06-0206	42475-2021	20	
	NOT TOOLED	42475-2221	22	
	15-06-0246	42475-2421	24	2
	42475-1071	42475-1071	10	7

O = OBSOLETE

	PART NUMBER	CKT SIZE	MATERIAL (SEE NOTE 1)
	NOT TOOLED	2	3
	42475-0431	4	
	42475-0631	6	
	42475-0831	8	
	42475-1031	10	
	NOT TOOLED	12	
	42475-1431	14	
	NOT TOOLED	16	
	42475-1831	18	
O	42475-2031	20	
	NOT TOOLED	22	
	42475-2431	24	3
	NOT TOOLED	2	4
	42475-0441	4	
	42475-0641	6	
	42475-0841	8	
	42475-1041	10	
	NOT TOOLED	12	
	42475-1441	14	
	NOT TOOLED	16	
	42475-1841	18	
O	42475-2041	20	
	NOT TOOLED	22	
	42475-2441	24	4

O = OBSOLETE

LEGEND:

42475 - * * * 1

BASE NUMBER

CIRCUIT SIZE

MATERIAL
(SEE NOTE 1)

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DIMENSION UNITS	SCALE
IN/MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

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PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-42475-XXX1	PSD	001	T3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	42475	SEE SHEET 4	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/04 04:52:14

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