

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[43640-0800](#)

For any questions, you can email us directly:

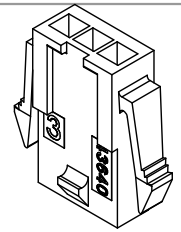
sales@integrated-circuit.com

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS NUMBER OF POSITION
43640-0200	02
43640-0300	03
43640-0400	04
43640-0500	05
43640-0600	06
43640-0700	07
43640-0800	08
43640-0900	09
43640-1000	10
43640-1100	11
43640-1200	12

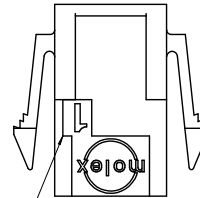
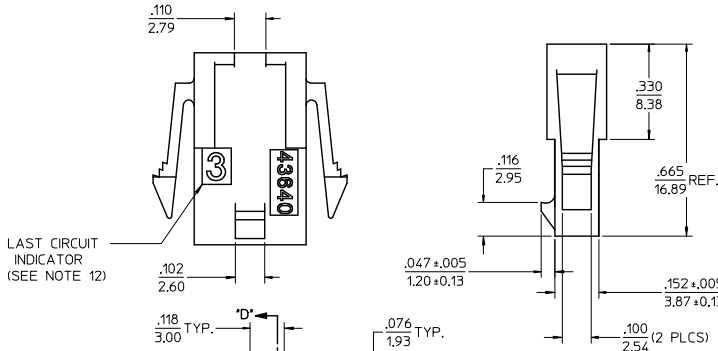
CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.270/6.85	.118/3.00	.284/7.21	.429/10.90
3	.388/9.85	.236/6.00	.402/10.21	.547/13.89
4	.506/12.85	.354/9.00	.520/13.21	.665/16.89
5	.624/15.85	.472/12.00	.638/16.21	.783/19.89
6	.742/18.85	.591/15.00	.756/19.21	.901/22.89
7	.860/21.85	.709/18.00	.874/22.20	1.019/25.88
8	.978/24.85	.827/21.00	.992/25.20	1.137/28.88
9	1.096/27.85	.945/24.00	1.110/28.20	1.255/31.88
10	1.215/30.85	1.063/27.00	1.229/31.22	1.373/34.87
11	1.333/33.85	1.181/30.00	1.347/34.22	1.491/37.87
12	1.451/36.85	1.299/33.00	1.465/37.22	1.609/40.87

NOTES:

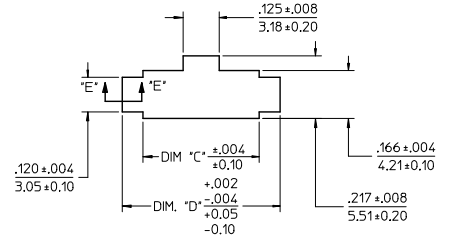
- HOUSING MATERIAL: UNFILLED NYLON, RATED UL94V-0
COLOR IS BLACK. (HALOGEN-FREE)
- FINISH: NONE
- PRODUCT SPECIFICATION: PS-43650
- PACKAGING SPECIFICATION: PK-43640-003
- THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43645-****.
- THIS HOUSING IS DESIGNED IN METRIC
- THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****.
- PLUG DESIGNED FOR .062/1.57 TO .090/2.30 THICK STAMPED
PANEL OR PRINTED CIRCUIT BOARD.
- SEE SECTION "D"- "D" FOR TERMINAL ORIENTATION IN HOUSING.
- SEE SHEET 2 FOR PLUG WITHOUT PANEL MOUNTS.
- PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH
SIDE FOR OPTIMUM RETENTION.
- LAST CIRCUIT INDICATOR IS NOT PRESENT ON 2 CIRCUIT HOUSING.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



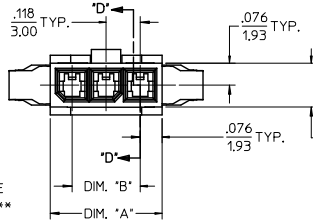
PLUG WITH
PANEL MOUNTS



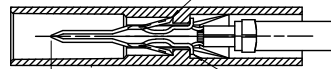
FIRST CIRCUIT
INDICATOR



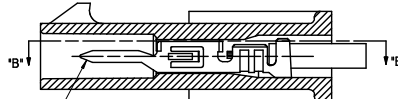
RECOMMENDED PANEL CUT-OUT



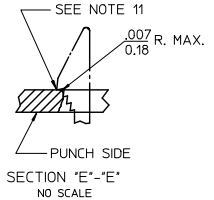
RECEPTACLE
43645-****



SECTION "B"- "B"
NO SCALE

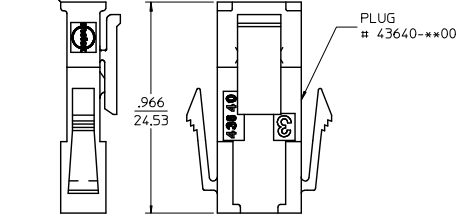


SECTION "D"- "D"
WITH TERMINAL
NO SCALE



SEE NOTE 11
PUNCH SIDE
SECTION "E"- "E"
NO SCALE

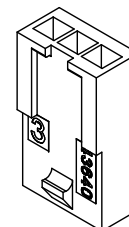
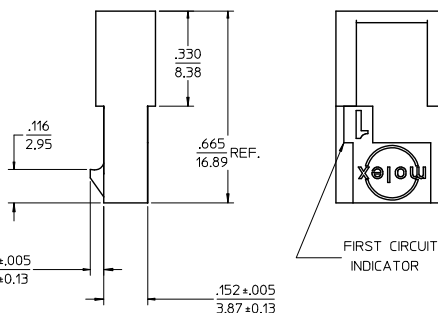
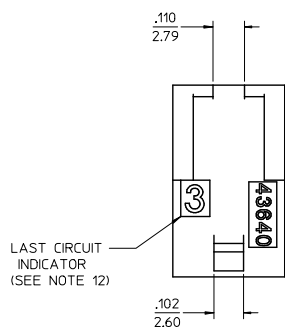
TERMINAL #43031-****



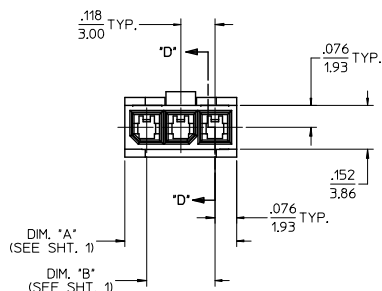
MATED MICRO-FIT CONNECTOR

TERMINAL GEOMETRY	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	SHEET NO.
		mm	INCH	IN/MM	DATE					
EC NO: UCP2015-4271	ASSEMBLY	4 PLACES ± .010	± .010	IN/MM	1996/01/19	4:1	METRIC	THIRD ANGLE PROJECTION	MICRO-FIT (3.0) IN-LINE 2 THRU 12 CIRCUIT PLUG W/ OPTIONAL PANEL MOUNTS	1 OF 2
DRW: JDFX	DESIGN	3 PLACES ± .010	± .010	IN/MM	1996/01/19					
CHK: JDFX	APPROVAL	2 PLACES ± 0.25	± .014	IN/MM	1996/01/19				molex	SD-43640-****
APP: JDFX	REV	1 PLACE ± 0.35	± .014	IN/MM	1996/01/19					
F5		0 PLACE ± .010	± .010	IN/MM	1996/01/19				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				IN/MM	1996/01/19					

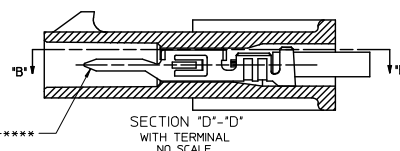
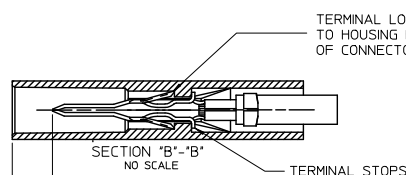
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43640-0801	08
43640-0901	09
43640-1001	10
43640-1101	11
43640-1201	12



PLUG WITHOUT
PANEL MOUNTS



TERMINAL INSERTION
DEPTH



TERMINAL #43031-****

RECEPTACLE
43645-****

Mated Micro-Fit Connector showing the plug and receptacle. The plug is labeled # 43640-***01 and the receptacle is labeled # 43645-****. The overall length of the mated connector is .966 (24.53).

MATED MICRO-FIT CONNECTOR

TERMINAL GEOMETRY		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO.	DATE	DRW. JDRX	2015/04/15	CHKS. JDRX	2015/04/15	APPR. SMTH	2015/05/08	IN/MM	DATE	DATE	METRIC	DATE	DATE
4 PLACES	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005
3 PLACES	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010	± .010
2 PLACES	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025	± .025
1 PLACE	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035	± .035
0 PLACE	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050	± .050
ANGULAR ± 5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		2 OF 2	
F5		REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-43640-****							