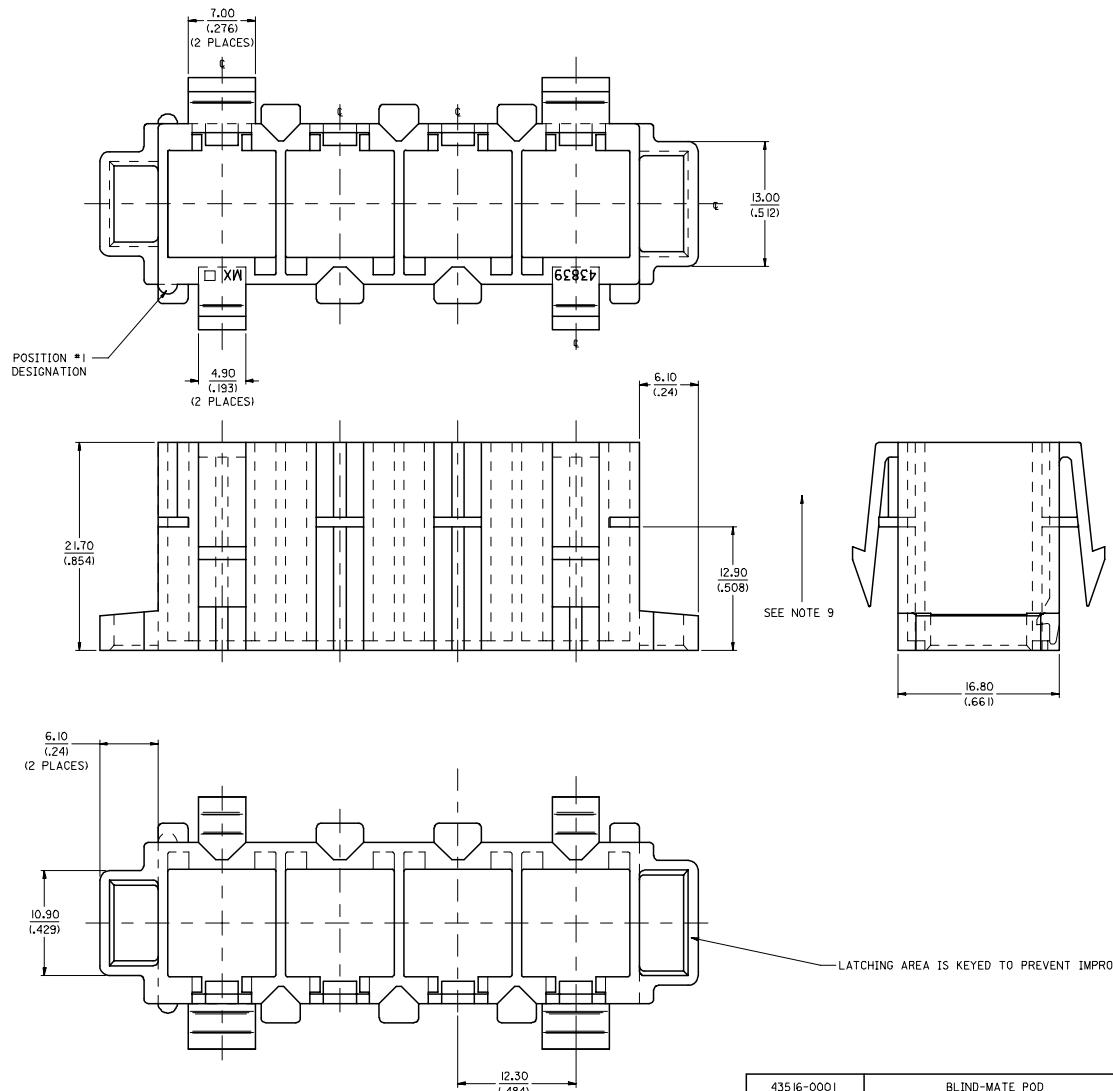
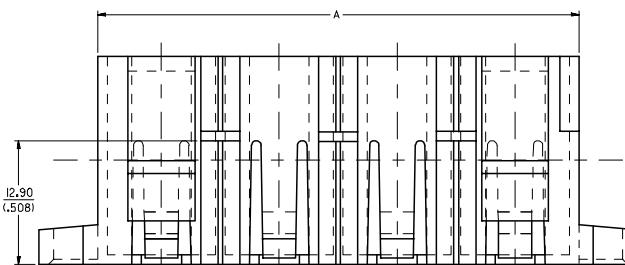


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



NOTES:

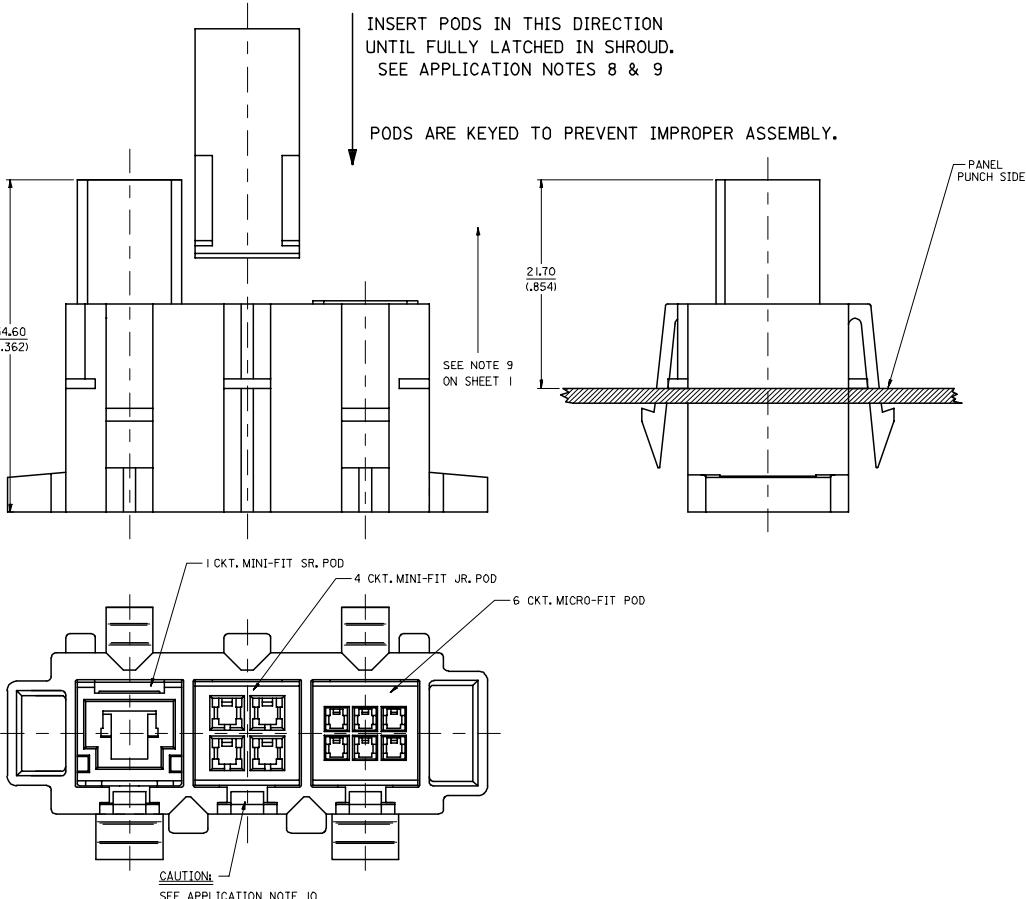
1. MATERIAL: POLYESTER (PBT), 7.5% GLASS FILLED, UL 94V-0. COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPEC.: PS-43510-002
4. ALL DIMENSIONS SHOWN FOR REFERENCE ONLY.
5. PART TO BE USED WITH PODS SHOWN IN CHART. SEE SHEET 2 FOR ASSEMBLY INFORMATION.
6. PODS MAY BE PLACED IN ANY POSITION DESIRED.
7. FOR RECOMMENDED PANEL OPENING, SEE SHEET 2.
8. PART MATES WITH 43838-0\*\*\* RECEPTACLE SHROUD.
9. MATED CONNECTOR ASSEMBLIES MUST BE UNMATED WITH A STRAIGHT PULL IN THE DIRECTION SHOWN. TO PREVENT DAMAGE, AVOID ROTATING ASSEMBLIES DURING UNMATING.
10. SEE SHEET 2 FOR APPLICATION NOTES.



MATERIAL NO.	DESCRIPTION
AVAILABLE PODS	

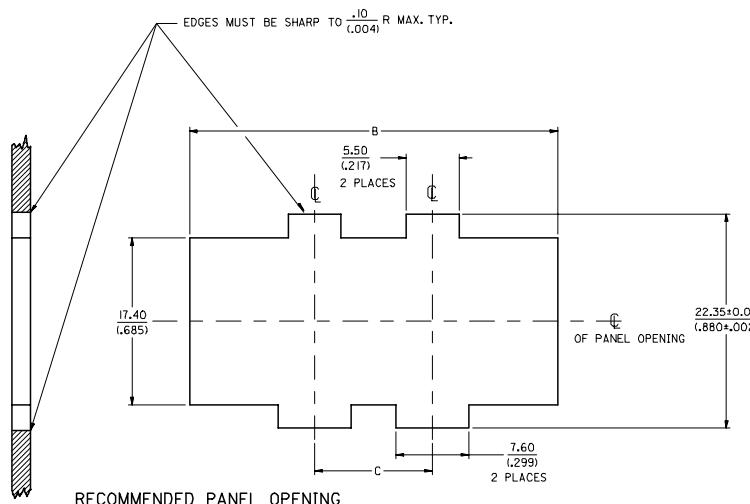
OBSOLETE PARTS ECN NO. 10/2005/2/25 DRAWN BY: COMERC REV. B1	QUALITY SYMBOLS ▼ = O ▽ = O	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH						
43516-0001	BLIND-MATE POD	4 PLACES	± ---	COMERC	10/6/97				
43515-0001	6 CIRCUIT MICRO-FIT PLUG	3 PLACES	± ---				PLUG SHROUD		
43514-0001	4 CIRCUIT MINI-FIT JR. PLUG	2 PLACES	± ---	COMERC	10/6/97		PANEL MOUNT		
43513-0001	1 CIRCUIT MINI-FIT SR. PLUG	1 PLACE	± ---				MIXED LAYOUT		
MATERIAL NO. SEE CHART		APPR: COMERC		APPROVED BY FRY	10/10/97	molex	MOLEX INCORPORATED		
MATERIAL NO. SEE CHART		REV. B1		DOCUMENT NO.	SD-43839-001	SHEET NO.	1 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
PANEL OPENING																				
POSITIONS		DIM. "B" $^{+.10}_{-.004}$		DIM. "C" $^{+.10}_{-.004}$																
2		38.40 (1.512)		12.30 (.484)																
3		50.70 (1.997)		24.60 (.969)																
4		63.00 (2.480)		36.90 (1.453)																
5		75.30 (2.965)		49.20 (1.937)																
6		87.60 (3.449)		61.50 (2.421)																



APPLICATION NOTES:

1. PLACE THE HIGH CURRENT MINI-FIT SR. PODS IN THE OUTER POSITIONS OF THE SHROUD TO MAXIMIZE CURRENT CARRYING CAPABILITY.
2. IF MORE THAN ONE MINI-FIT SR. POD IS USED, PLACE THEM AS FAR APART AS POSSIBLE IN THE SHROUD TO MAXIMIZE CURRENT CARRYING CAPABILITY.
3. REFER TO THE INDIVIDUAL PRODUCT'S PRODUCT SPECIFICATION FOR DETAILED PERFORMANCE CHARACTERISTICS OF EACH (MINI-FIT JR., MINI-FIT SR., MICRO-FIT 3.0, ETC.)
4. THE SHROUD PROVIDES SYSTEM POLARIZATION. PODS MUST NEVER BE APPLIED WITHOUT THE USE OF THE SHROUD. 'MALE' AND 'FEMALE' PODS CAN BE INSERTED INTO EITHER SHROUD FOR ADDITIONAL CONNECTOR POLARIZATION. WHEN MULTIPLE COMPODRE SYSTEMS ARE USED IN A SINGLE APPLICATION, THE PODS MAY BE POSITIONED TO PROVIDE FOOLPROOF HARNESS TO HARNESS POLARIZATION.
5. 'PIG TAIL' OR HARNESS PODS CAN BE INSERTED INTO RIGHT ANGLE HEADER SHROUDS WHERE NECESSARY.
6. TO OBTAIN THE LOWEST POSSIBLE MATING FORCES OF A FULLY LOADED SHROUD, THE TERMINALS MUST BE ALLOWED TO FLOAT AS DESIGNED. ASSURE THAT THE TERMINALS ARE CRIMPED PROPERLY BY USING ONLY MOLEX TERMINALS AND PROPERLY MAINTAINED MOLEX AUTHORIZED APPLICATION TOOLING.
7. FOR PROPER MATING OF SHROUDS, THE POD LOCKING FINGERS ON BOTH SHROUDS MUST BE ORIENTED SUCH THAT THEY ARE ON THE SAME PLANE WHEN MATING THE CONNECTORS. THE SIDE LATCHES OF THE SHROUD ARE DESIGNED TO PROVIDE POLARIZATION.
8. EACH SHROUD POD BAY IS KEYED TO PROVIDE POLARIZATION. THE POD MUST BE INSTALLED IN THE DIRECTION SHOWN. WHEN INSERTING A POD INTO THE SHROUD, THE 'U' SHAPED FEATURE ON THE SIDE OF THE POD MUST BE ORIENTED TO THE SAME FACE AS THE POD LOCKING FINGERS ON THE SHROUD.
9. AS THE 'FACE TO FACE' MATING OF THE PODS IS CRITICAL TO ASSURE THAT ALL CONTACTS ARE FULLY 'WIPE', THE TOLERANCES OF THE SHROUD TO SHROUD MATING ARE TIGHTLY CONTROLLED. THEREFORE, WHEN SEATING A POD INTO A SHROUD, MAKE CERTAIN THAT THE SHROUD LOCKING FINGER IS FULLY SEADED INTO THE POD. IT MAY BE NECESSARY AT TIMES TO APPLY A SLIGHT VERTICAL FORCE TO THE LOCKING FINGER TO SEAT THE POD FULLY. ALSO, WHEN MATING TWO SHROUDS, ASSURE THAT THE SHROUD POSITIVE LOCKS, LOCATED ON THE SIDES OF THE SHROUD, ARE FULLY ENGAGED WITH THE MATING SHROUD.
10. PODS MAY BE REMOVED FROM SHROUDS IF REQUIRED. TO REMOVE A POD, SIMPLY DEFLECT THE LOCKING FINGER AWAY FROM THE POD, USING A FINGER NAIL OR A SMALL STRAIGHT BLADE SCREWDRIVER, JUST FAR ENOUGH TO DISENGAGE THE POD. CAUTION: EXCESSIVE DEFLECTION MAY DAMAGE OR DESTROY THE LOCKING FINGER.
- II. THE SHROUD PROVIDES SYSTEM POLARIZATION. PODS MUST NEVER BE APPLIED WITHOUT THE USE OF A SHROUD.



SEE SHT. 1 EC NO. UCF2005-2/25 DRAWN BY: J. MCGOWAN CHCKD BY: J. MCGOWAN APPR. BY: J. MCGOWAN REV: B1		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
4 PLACES	$\pm$ $^{+.00}_{-.00}$	$\pm$ $^{+.00}_{-.00}$	DRAWN BY: J. MCGOWAN DATE: 10/6/97	INCH			
3 PLACES	$\pm$ $^{+.00}_{-.00}$	$\pm$ $^{+.00}_{-.00}$	CHEKED BY: J. MCGOWAN DATE: 10/6/97	MM			
2 PLACES	$\pm$ $^{+.00}_{-.00}$	$\pm$ $^{+.00}_{-.00}$	APPROVED BY: J. MCGOWAN DATE: 10/10/97	INCH			
1 PLACE	$\pm$ $^{+.00}_{-.00}$	$\pm$ $^{+.00}_{-.00}$	ANGULAR $\pm 1/2^\circ$	MM			
DRAFT WHERE APPROPRIATE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SD-43839-001	DOCUMENT NO. 2 OF 2	SHEET NO. 2 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							