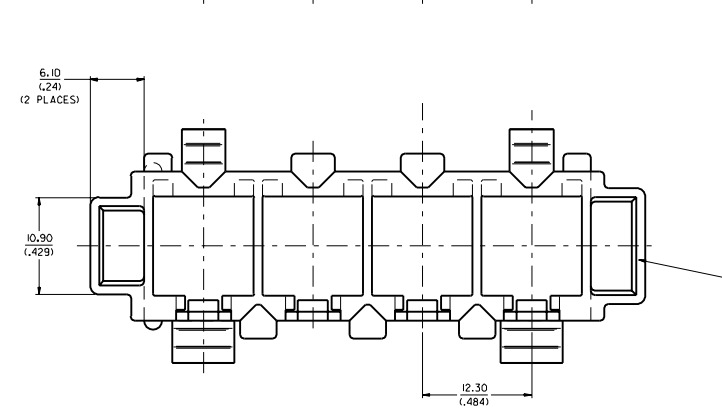
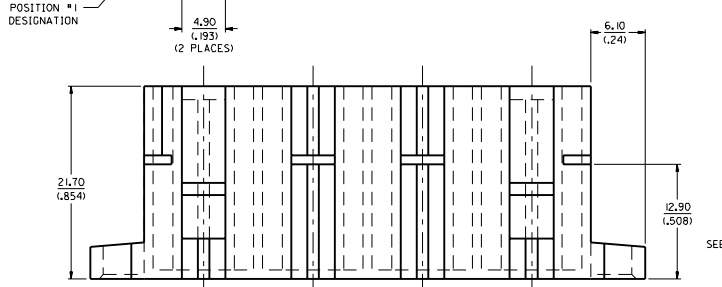
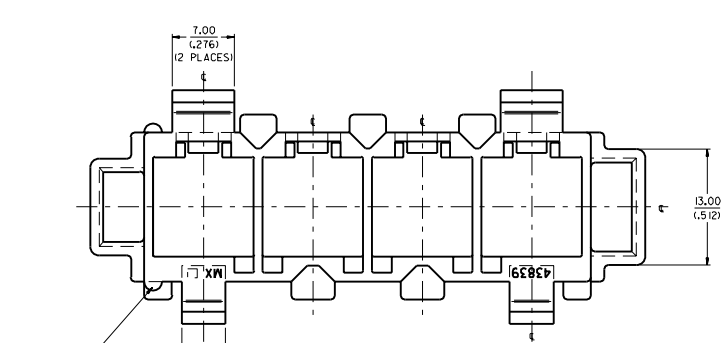


NOTES:

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.

LATCHING AREA IS KEYED TO PREVENT IMPROPER MATING.

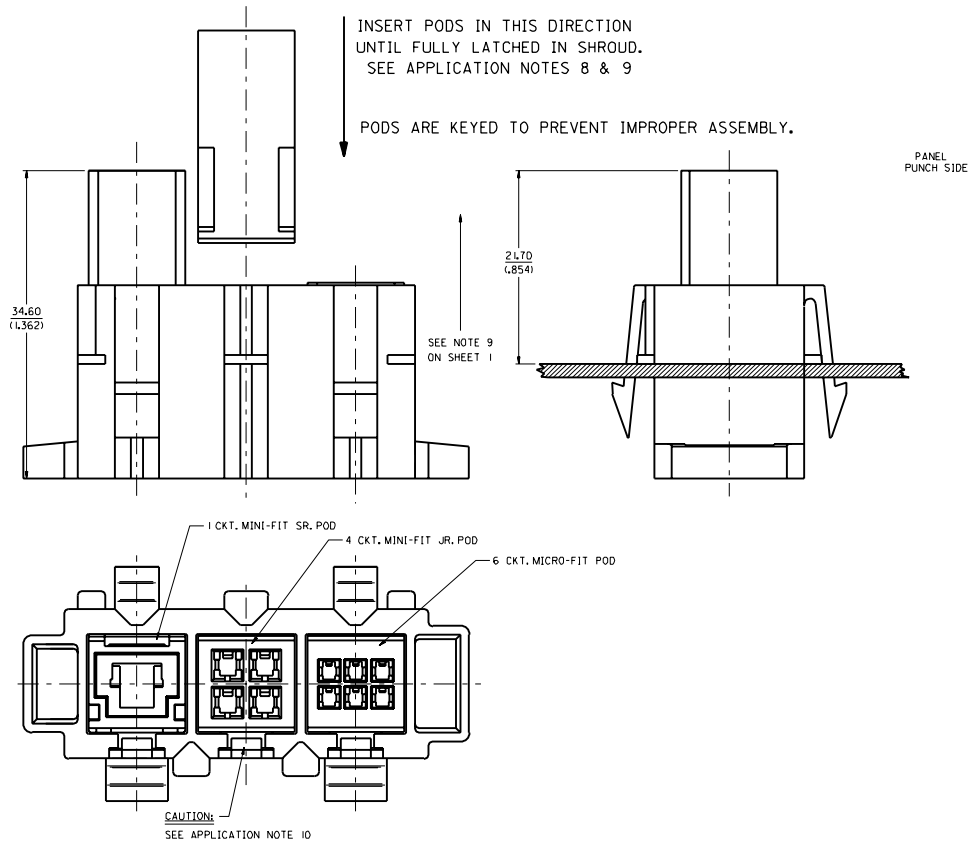
43516-0001	BLIND-MATE POD
43515-0001	6 CIRCUIT MICRO-FIT PLUG
43514-0001	4 CIRCUIT MINI-FIT JR. PLUG
43513-0001	1 CIRCUIT MINI-FIT SR. PLUG
MATERIAL NO.	DESCRIPTION
AVAILABLE PODS	

QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 4 : 1	DESIGN UNITS ☒ mm ☐ INCH	DRAWN BY & DATE	THIRD ANGLE PROJECTION	TITLE: PANEL MOUNT PLUG SHROUD. 12.3 mm (1.484) PITCH, COMPODRE SYSTEM	MATERIAL NO.	DRAWING NO.	SHEET NO.
MAJOR	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
CRITICAL	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
DESCRIPTION	4 PLACES ±0.*** ±.***	3 PLACES ±0.*** ±.***	2 PLACES ±0.*** ±.***	1 PLACE ±0.*** ±.***	APPROVED BY & DATE	97/10/06	97/10/06	97/10/06	97/10/06
REV	REVISED PANEL OPENING	EC NO. UCR1999-0902	DRWNO. 000221	CHK. KOTZ	000221	APPL. COMERC1	000221	000221	000221
B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	S4383901.DGN	SEE CHART	SD-43839-001	1 OF 2	SIZE D			

20	19	18	17	16
PANEL OPENING				
POSITIONS	DIM. "B" ± 0.10 (± 0.04)	DIM. "C" ± 0.10 (± 0.04)		
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)		

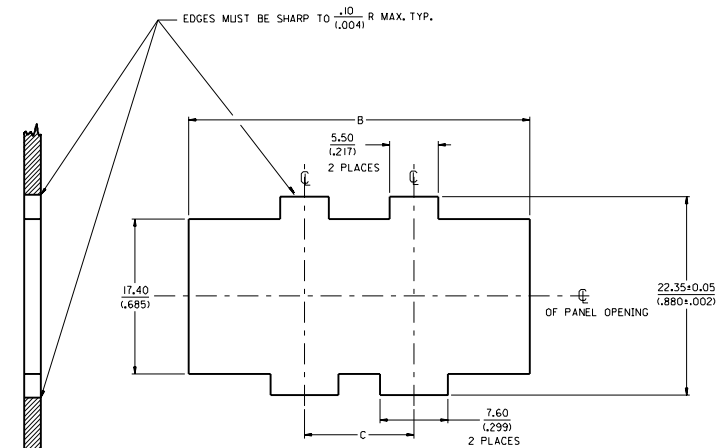
INSERT PODS IN THIS DIRECTION
UNTIL FULLY LATCHED IN SHROUD.
SEE APPLICATION NOTES 8 & 9

PODS ARE KEYED TO PREVENT IMPROPER ASSEMBLY.



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 PRODUCTS' PRODUCT SPECIFICATION FOR DETAILED PERFORMANCE CHARACTERISTICS OF EACH.
MINI-FIT SR, 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 COMPOUND SYSTEMS ARE USED IN A SINGLE APPLICATION, THE PODS MAY BE POSITIONED TO PROVIDE FOOTPOOR HARNES TO HARNES POLARIZATION.
5. "PIG TAIL" OR HARNES 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 KEYS 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 LOCKING FINGER OF THE SHROUD.
9. AS THE "FACE TO FACE" MATING OF THE PODS IS CRITICAL TO ASSURE THAT ALL CONTACTS ARE FULLY "WIPE'D", 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 SEATED 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 SHROUDS POSITIVE LOCKING 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.
11. THE SHROUD PROVIDES SYSTEM POLARIZATION,PODS MUST NEVER BE APPLIED WITHOUT THE USE OF A SHROUD.



RECOMMENDED PANEL OPENING
FROM OUTSIDE OF BOX

PANEL THICKNESS: $\frac{1.57}{(.062)}$ TO $\frac{2.29}{(.090)}$

REVISED PANEL OPENING	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 4 : 1	DESIGN UNITS 1/8" INCH	THIRD ANGLE PROJECTION	☒ INCH ☐ MM ☐ INCH ☐ MM ☐ ONLY	REVISE ON CAD ONLY
EC NO. UCRC200-000021	MAJOR ∇ 0	mm INCH	DRAWN BY DATE	TITLE: PANEL MOUNT PLUG SHROUD,			
IPRMA 071 000021	CRITICAL ∇ 0	4 PLACES ± 0.00 ± 0.00	CMERC1 9/10/07	12.3 mm (1/484) PITCH,			
CHK. KOTZ 000021		3 PLACES ± 0.00 ± 0.00	CHECKED BY DATE	MULTI-FIT SYSTEM			
APPR. CMC 000021		2 PLACES ± 0.00 ± 0.00	CMERC1 9/10/07	MOLEX INCORPORATED			
		1 PLACE ± 0.00 ± 0.00	APPROVED BY DATE				
		ANGULAR: ± 0	FRY 9/10/07				
			CAD FILE NAME	MATERIAL		DRAWING NO.	SHEET NO.
			S-4383-02.DGN	CHART		SD 4383-001	2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			SIZE D				