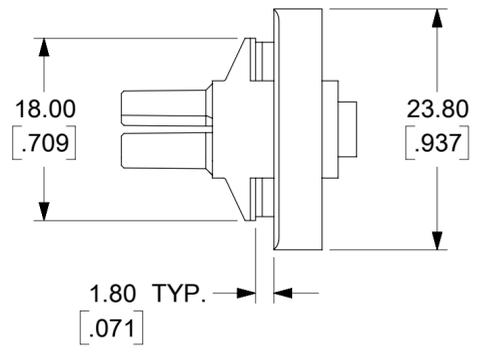
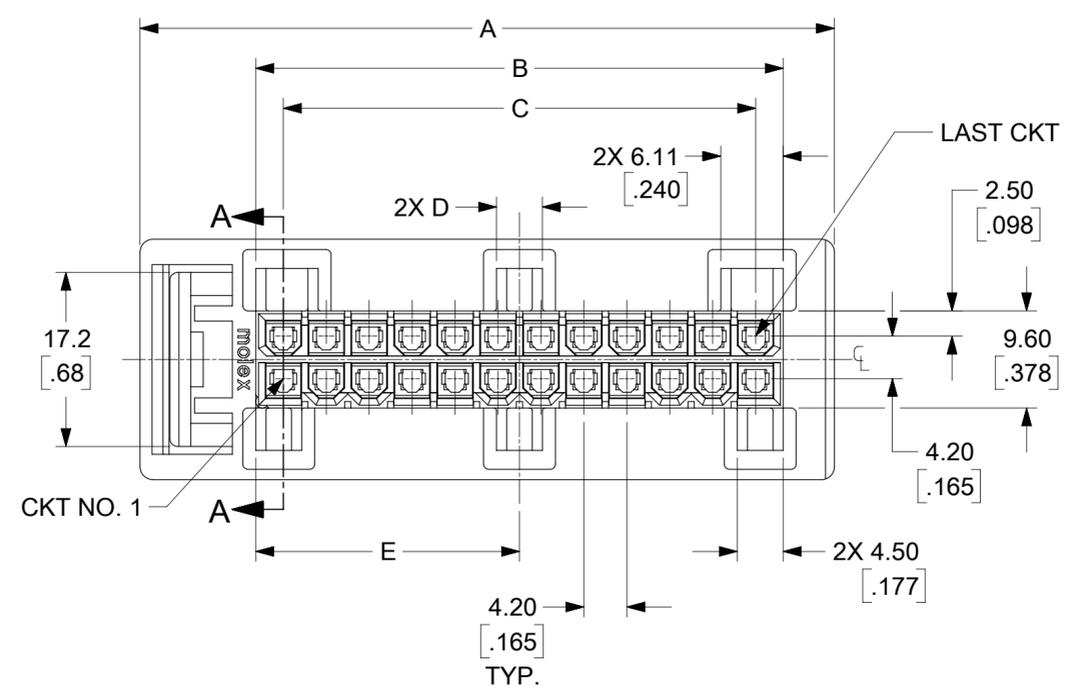
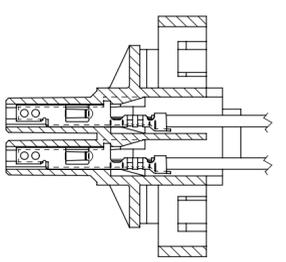


CKT. SIZE	MATERIAL NUMBER
18	44516-0009
20	44516-0010
22	44516-0011
24	44516-0012

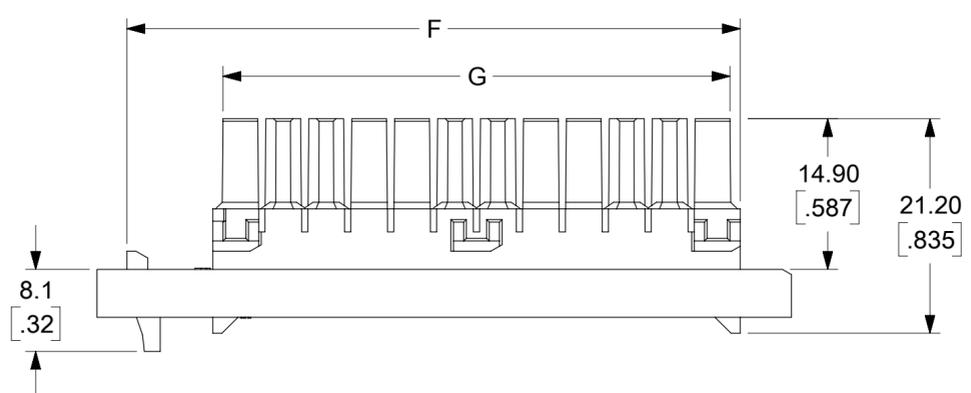
CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "K"	DIM. "L"	DIM. "M"	DIM. "N"
18	55.30 [2.177]	39.00 [1.535]	33.60 [1.323]	3.59 [.141]	19.50 [.768]	47.40 [1.867]	37.00 [1.458]	49.94 [1.966]	40.77 [1.605]	18.72 [.737]	4.35 [.171]
20	59.50 [2.343]	43.20 [1.701]	37.80 [1.488]	4.50 [.177]	21.60 [.850]	51.60 [2.032]	41.20 [1.623]	54.14 [2.131]	44.97 [1.770]	20.37 [.802]	5.26 [.207]
22	63.70 [2.508]	47.40 [1.866]	42.00 [1.653]	3.59 [.141]	23.70 [.933]	55.80 [2.197]	45.40 [1.788]	58.34 [2.297]	49.18 [1.936]	22.92 [.902]	4.35 [.171]
24	67.90 [2.673]	51.60 [2.031]	46.20 [1.819]	4.50 [.177]	25.80 [1.016]	60.00 [2.362]	49.60 [1.953]	62.54 [2.462]	53.38 [2.102]	24.57 [.967]	5.26 [.207]



- NOTES:**
- MATERIAL: PBT, UNFILLED BALCK, V-0.
  - FINISH: NOT APPLICABLE
  - PRODUCT SPECIFICATION: PS-44516-001
  - PACKAGING SPECIFICATION: BULK PER PK-44516-002
  - PART MATES WITH MINI-FIT B.M.I. PLUG #42475 AND HEADERS 42404, 42440, 44068, 43879, 43810, AND 43759.
  - PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476 OR 45750.
  - A MAXIMUM TOLERANCE OF 1.27/[.050] ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT. A MAXIMUM TOLERANCE OF 0.51/[.020] ALLOWS FOR 4 POINTS OF CONTACT.
  - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
  - PANEL SHOULD BE PUNCHED IN THE DIRECTION OPPOSITE OF CONNECTOR INSERTION.
  - THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
  - PANEL CUT-OUT DIMENSIONS HAVE A TOLERANCE OF  $\pm 0.076$ /[.003].
  - IT IS THE RESPONSIBILITY OF THE CUSTOMER TO ENSURE THAT THE PANEL TO WHICH THE RECEPTACLE IS TO BE MOUNTED, IS SUFFICIENTLY SUPPORTED SO THAT FLEXING OF THE PANEL DURING MATING DOES NOT PREVENT THE CONNECTOR SYSTEM FROM BEING FULLY MATED.
  - IT IS RECOMMENDED THAT THE CABLES EXITING THE RECEPTACLE BE DRESSED IN A MANNER THAT WILL ALLOW THE RECEPTACLE TO FLOAT FREELY WHEN MOUNTED IN IT'S RESPECTIVE PANEL.
  - THIS PART IS NOT INTENDED TO ACT AS A HARD STOP FOR CUSTOMER COMPONENTS.
  - WIRES TO BE DRESSED IN SUCH A MANOR TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET
  - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
  - THIS CONNECTOR ALLOWS FOR 1.27/[.050] MAX. MISALIGNMENT IN ANY DIRECTION.

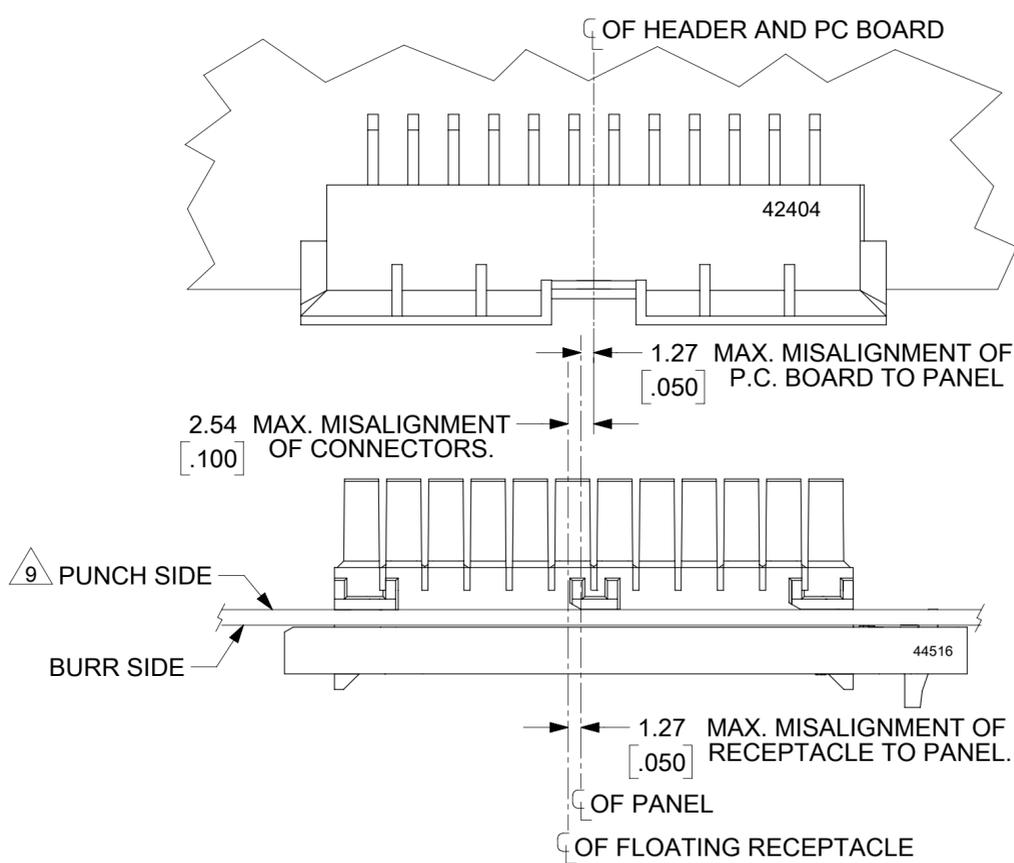


SECTION A-A  
TERMINAL ORIENTATION

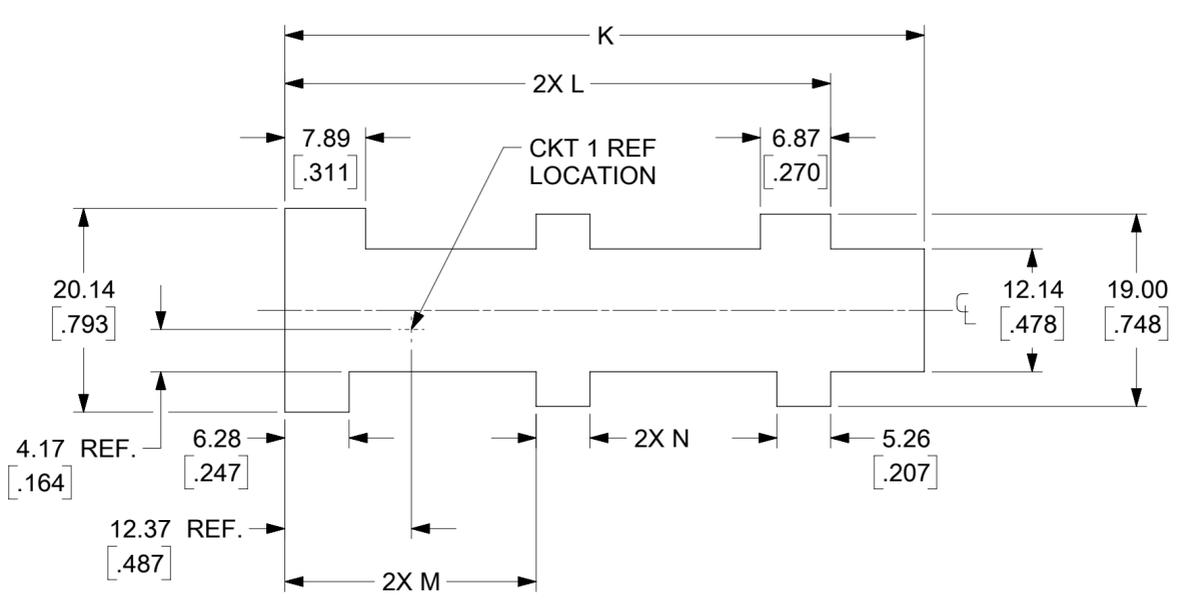


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

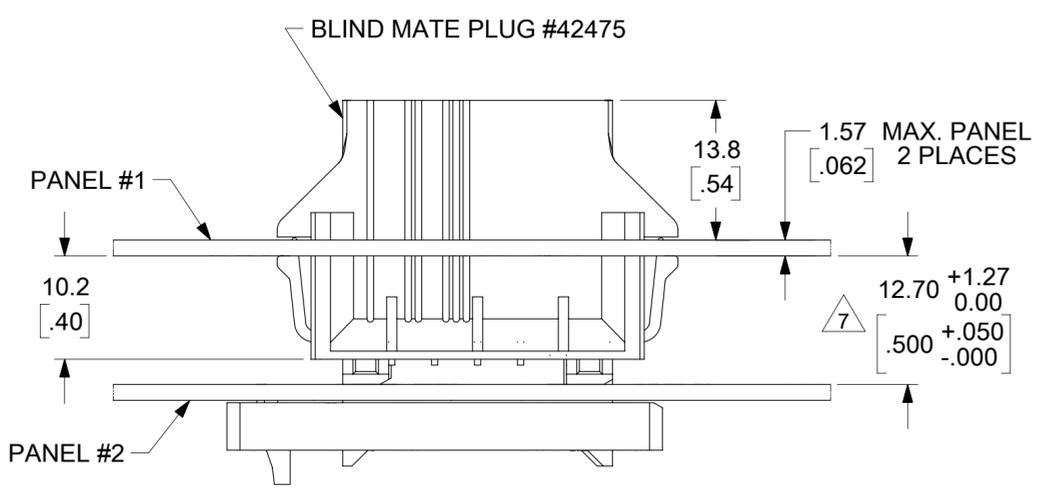
DIMENSION UNITS <b>MM/INCH</b>	SCALE <b>2:1</b>	CURRENT REV DESC: MIGRATED TO NX, CHANGE PACKAGING FOR 24CKT	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 627153			
4 PLACES	$\pm$		DRWN: DSTEIER	2019/11/08	
3 PLACES	$\pm$	0.01	CHK'D: DSTEIER	2020/01/28	
2 PLACES	$\pm$	0.25	APPR: FSMITH	2020/02/05	
1 PLACE	$\pm$	0.35	INITIAL REVISION:		
0 PLACES	$\pm$		DRWN: HRIBAR	2001/07/17	
ANGULAR TOL	$\pm$	0.5°	APPR: FSMITH	2012/05/04	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			C-SIZE	44516	SEE CHART
			CUSTOMER	SHEET NUMBER	
			GENERAL MARKET	1 OF 2	



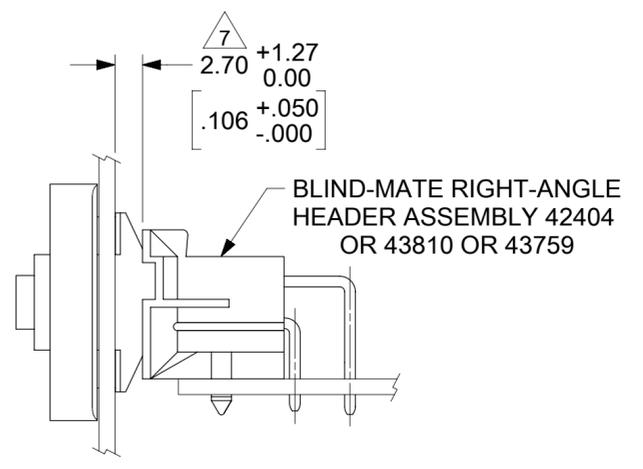
ALIGNMENT TOLERANCE FOR 1.27/[.050] MAX. BOARD-TO-PANEL MISALIGNMENT  
 (±1.27/[.050] RECEPTACLE FLOAT)



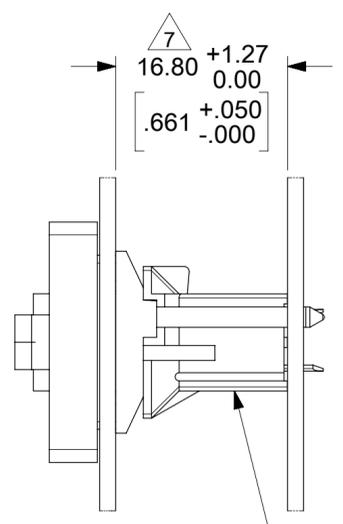
RECOMMENDED PANEL CUT-OUT FOR 1.57/1.19/[.062/.047] MAX./MIN. THICK PANEL  
 SHOWN FROM MATING SIDE  
 (SEE NOTE 9 & 11)



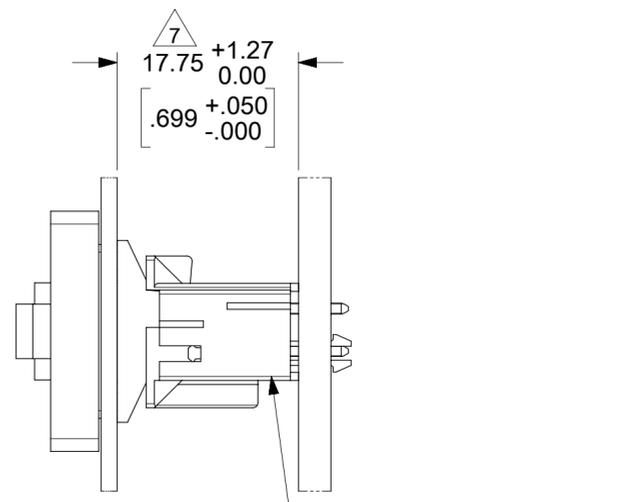
PANEL-TO-PANEL APPLICATION #1



PANEL-TO-P.C. BOARD APPLICATION #3



PANEL-TO-P.C. BOARD APPLICATION #2



PANEL-TO-P.C. BOARD APPLICATION #4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS <b>MM/INCH</b>		SCALE <b>2:1</b>		CURRENT REV DESC: MIGRATED TO NX, CHANGE PACKAGING FOR 24CKT					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 627153		2019/11/08		<b>molex</b>	
4 PLACES ±		±		DRWN: DSTEIER		2020/01/28			
3 PLACES ±		± 0.01		CHK'D: DSTEIER		2020/02/05		PANEL-MOUNT RECEPTACLE 18-24 CIRCUIT BLIND MATE MINI-FIT SLIDE 'N' LOCK	
2 PLACES ±		± 0.25 ± 0.014		APPR: FSMITH				PRODUCT CUSTOMER DRAWING	
1 PLACE ±		± 0.35 ±		INITIAL REVISION:				DOCUMENT NUMBER	
0 PLACES ±		±		DRWN: HRIBAR		2001/07/17		DOC TYPE	
ANGULAR TOL ± 0.5°				APPR: FSMITH		2012/05/04		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				C-SIZE		44516		REVISION	
DOCUMENT STATUS				P1		RELEASE DATE		2020/02/27 19:24:05	
SD-44516-005				PSD		001		E	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
SEE SHEET 1				GENERAL MARKET		2 OF 2			