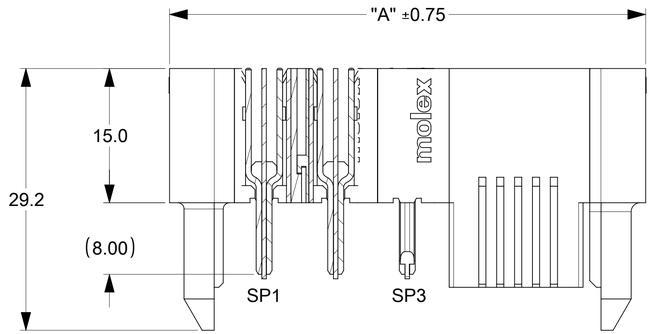
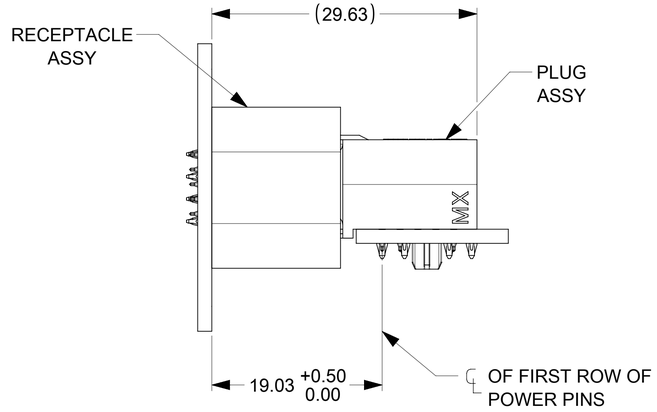
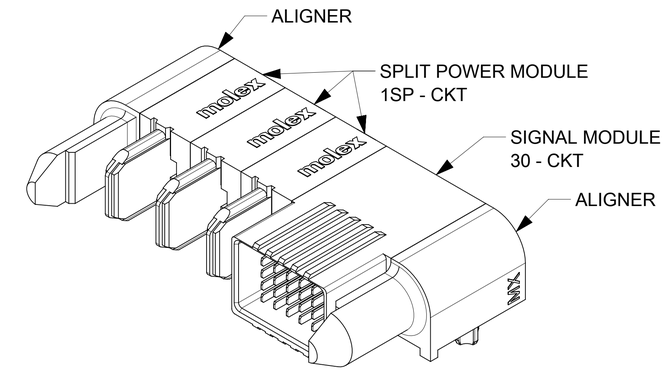


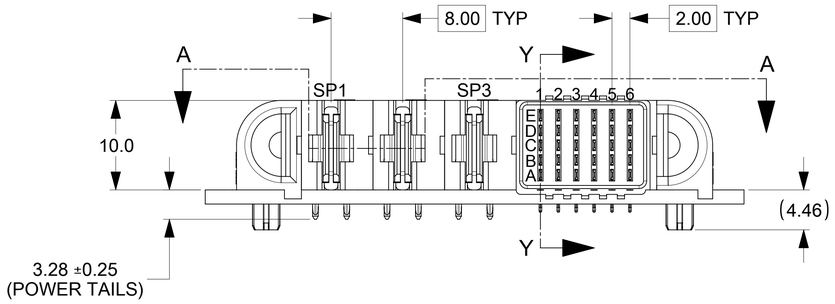
SECTION A-A

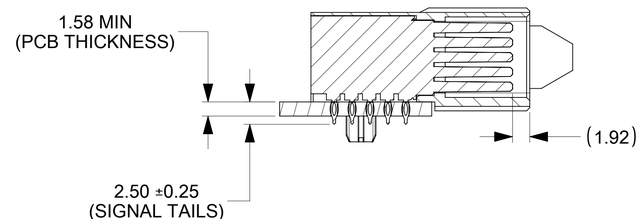


MATED PROFILE
(MATED WITH VERT RECEPTACLE ASSY)

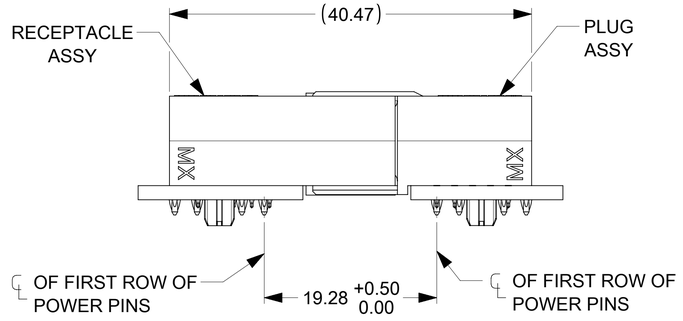


P/N: 171088-8418 (G-3SP-30S-G)

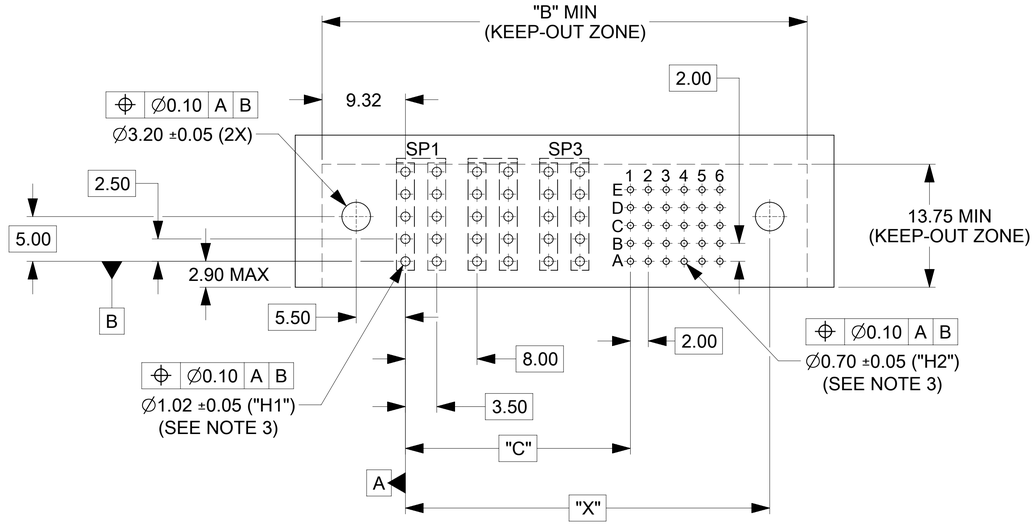




SECTION Y-Y



MATED PROFILE
(MATED WITH R/A RECEPTACLE ASSY)



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 3SP)-30S-G

NOTES:
1. MATERIAL:
   -HOUSINGS: LCP UL94, V-0, COLOR: BLACK
   -TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
   -PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH
   2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND
   0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 1710881001-PK
3. PLATED THRU HOLE SIZE, REFER TO PS-171088-0000 FOR DETAILS
4. PRODUCT SPEC: PS-171088-0000
5. PRODUCT TO MEET RoHS REQUIREMENTS
6. ASSEMBLY MATES TO MOLEX RECEPTACLE ASSEMBLY P/N 171089-****
   AND 171090-**** (SEE TABLE IN SHEET 2)
7. TAIL DESIGN: COMPLIANT TAIL
8. POWER AND SIGNAL CONTACTS ARE LUBRICATED.
9. APPLICATION SPEC: AS-46436-100..
10. MOLEX LOGO TO BE LOCATED APPROXIMATELY AS SHOWN.

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

DIMENSION UNITS	mm
SCALE	3:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED 8414, 8415, 8419 & 8420

EC NO:	707711	
DRWN:	KSUTAR	2022/05/20
CHK'D:	GJEEVANSURES	2022/05/23
APPR:	HTHYAGARAJ	2022/06/08

INITIAL REVISION:

DRWN:	KSUTAR	2021/09/22
APPR:	HTHYAGARAJ	2021/11/08

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 171088

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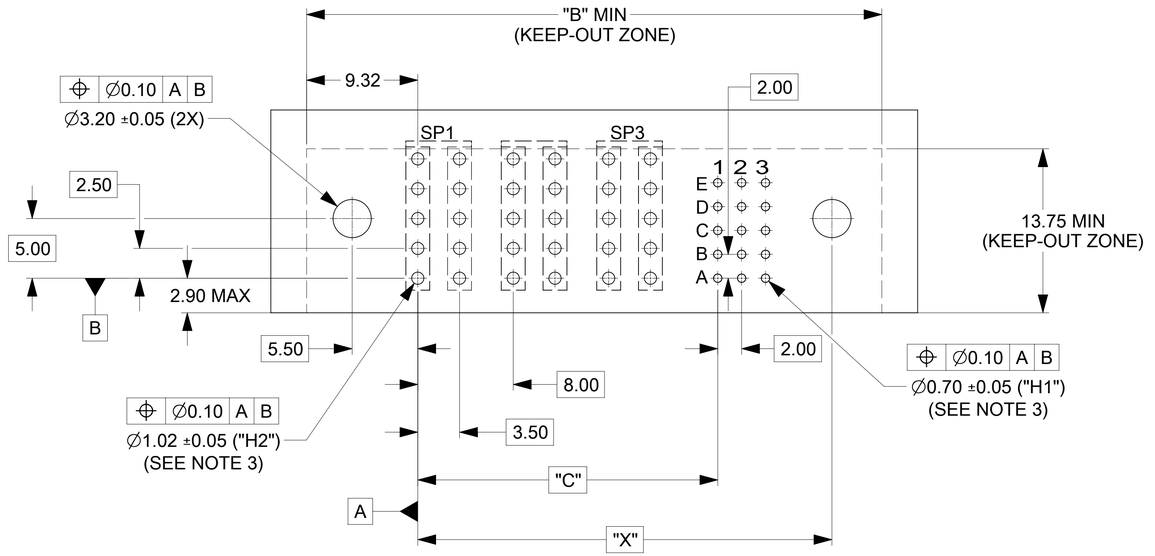
G-*SP-*S-G
R/A PLUG ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1710888420	PSD	000	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/08 15:12:28



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 3SP)-15S-G

REFER TO BELOW TABLE FOR DIMENSIONS.

FG P/N	CONFIGURATION	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "X" (IN MM)	HOLES COUNT "H1"	HOLES COUNT H2"	MATES WITH R/A ASSY P/N	MATES WITH VERT ASSY P/N
1710888411	G-1SP-15S-G	1	15	31.21	32.21	9.14	18.71	10	15	1710908411	1710898411
1710888412	G-2SP-15S-G	2	15	39.21	40.21	17.14	26.71	20	15	1710908412	1710898412
1710888413	G-3SP-15S-G	3	15	47.21	48.21	25.14	34.71	30	15	1710908413	1710898413
1710888416	G-1SP-30S-G	1	30	37.21	38.21	9.14	24.71	10	30	1710908416	1710898416
1710888417	G-2SP-30S-G	2	30	45.21	46.21	17.14	32.71	20	30	1710908417	1710898417
1710888418	G-3SP-30S-G	3	30	53.21	54.21	25.14	40.71	30	30	1710908418	1710898418

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

DIMENSION UNITS	mm
SCALE	4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED 8414, 8415, 8419 & 8420

EC NO: 707711
DRWN: KSUTAR 2022/05/20
CHK'D: GJEEVANSURES 2022/05/23
APPR: HTHYAGARAJ 2022/06/08

INITIAL REVISION:
DRWN: KSUTAR 2021/09/22
APPR: HTHYAGARAJ 2021/11/08

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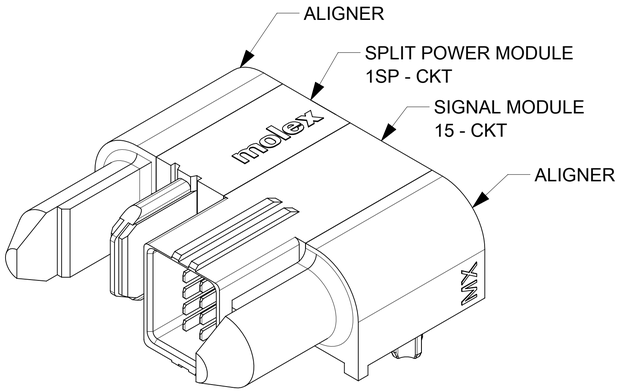
G-*SP-*S-G
R/A PLUG ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

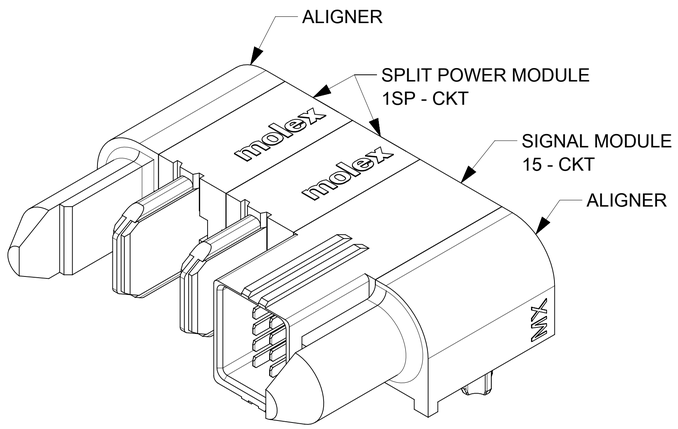
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1710888420	PSD	000	A2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	171088	SEE TABLE	GENERAL MARKET	2 OF 3

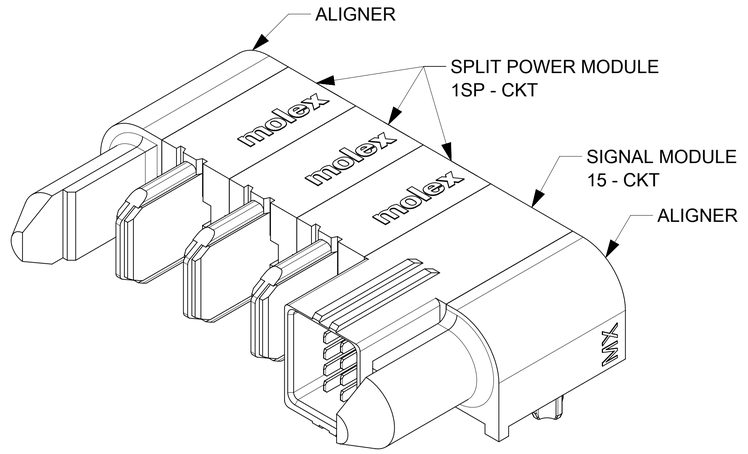
DOCUMENT STATUS	P1	RELEASE DATE	2022/06/08 15:12:28



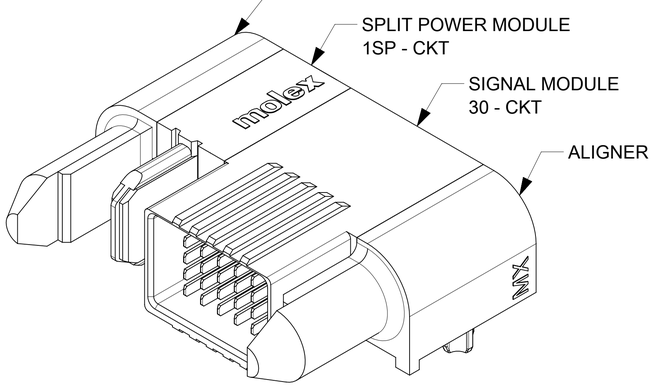
P/N: 171088-8411 (G-1SP-15S-G)



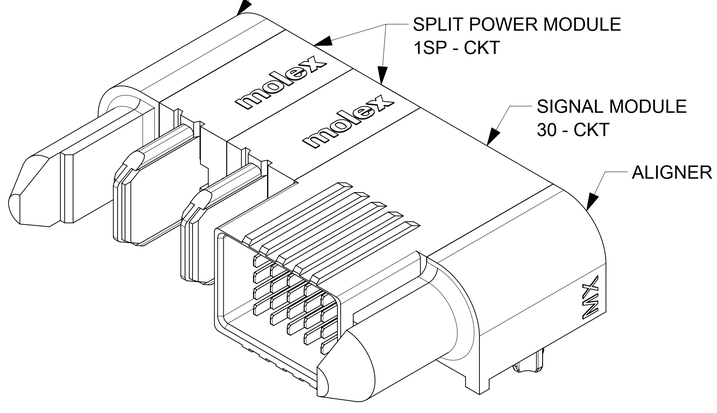
P/N: 171088-8412 (G-2SP-15S-G)



P/N: 171088-8413 (G-3SP-15S-G)



P/N: 171088-8416 (G-1SP-30S-G)



P/N: 171088-8417 (G-2SP-30S-G)

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

DIMENSION UNITS	mm
SCALE	4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED 8414, 8415, 8419 & 8420

EC NO: 707711

DRWN:	KSUTAR	2022/05/20
CHK'D:	GJEEVANSURES	2022/05/23
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INITIAL REVISION:

DRWN:	KSUTAR	2021/09/22
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G-*SP-*S-G
R/A PLUG ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1710888420	PSD	000	A2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	171088	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/08 15:12:28