

MOLEX P/N	LENGTH	TOLERANCE (mm)	AWG	IMPEDANCE	EE SPEC	LABEL CONTEXT
2073701000	152mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2073701001	300mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2073701002	1000mm	±15	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2073701003	500mm	±10	32	100 OHMS	SAS 4.0	SAS4.0 100 Ohm
2073701300	152mm	±10	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2073701301	300mm	±10	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2073701302	1000mm	±15	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2073701303	500mm	±10	32	100 OHMS	SAS 3.0	SAS3.0 100 Ohm
2073721001	300mm	±10	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm
2073721002	1000mm	±15	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm
2073721003	500mm	±10	32	85 OHMS	PCIe 4.0	PCIe4.0 85 Ohm

E1

- NOTES:
- MATERIAL:
    - HOUSING - PC 94V-0 BLACK
    - LATCH - STAINLESS STEEL
    - EXPANDO - PET
    - CABLE - SHIELD: ALUMNINIZED POLYESTER FOIL
      - SIGNAL PAIR : SILVER-COATED COPPER
      - DRAIN: TIN-COATED COPPER
      - CONFORMS TO VW1
    - PCB - FR4 (HALOGEN FREE)
  - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8654
  - RoHS COMPLIANT. NO EXEMPTIONS

FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_P = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE		
	mm	5:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL ± 3°				
4 PLACES ±				
3 PLACES ± 0.2000				
2 PLACES ± 0.300				
1 PLACE ± 0.40				
0 PLACES ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	207370
		STATUS: Production		2023-09-11
		DRWN: Sky Lee		2023-09-13
		CHK'D: Chung-Han Tsai		2023-09-13
		APPR: Samuel (Shuen-Maw) Hou		2023-09-13
		DOCUMENT NUMBER		DOC TYPE   DOC PART   REVISION
		2073701000		PSD   000   E1
		MATERIAL NUMBER		CUSTOMER
		GENERAL MARKET		SHEET NUMBER
				1 OF 3

**molex**

SLIMSAS 4X STR TO RAD CABLE ASSY.

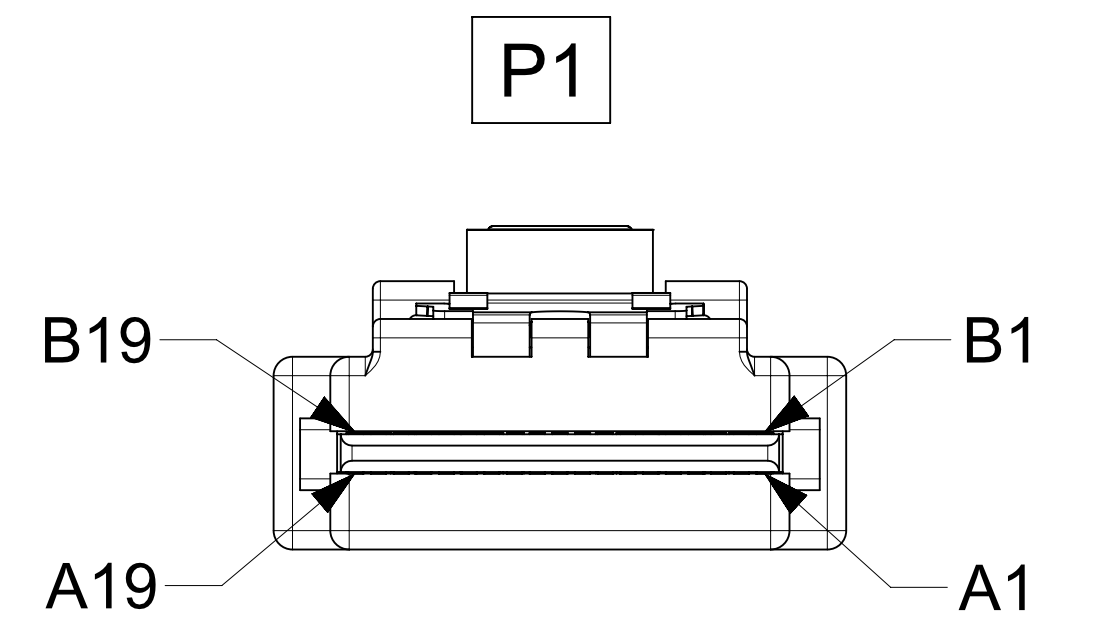
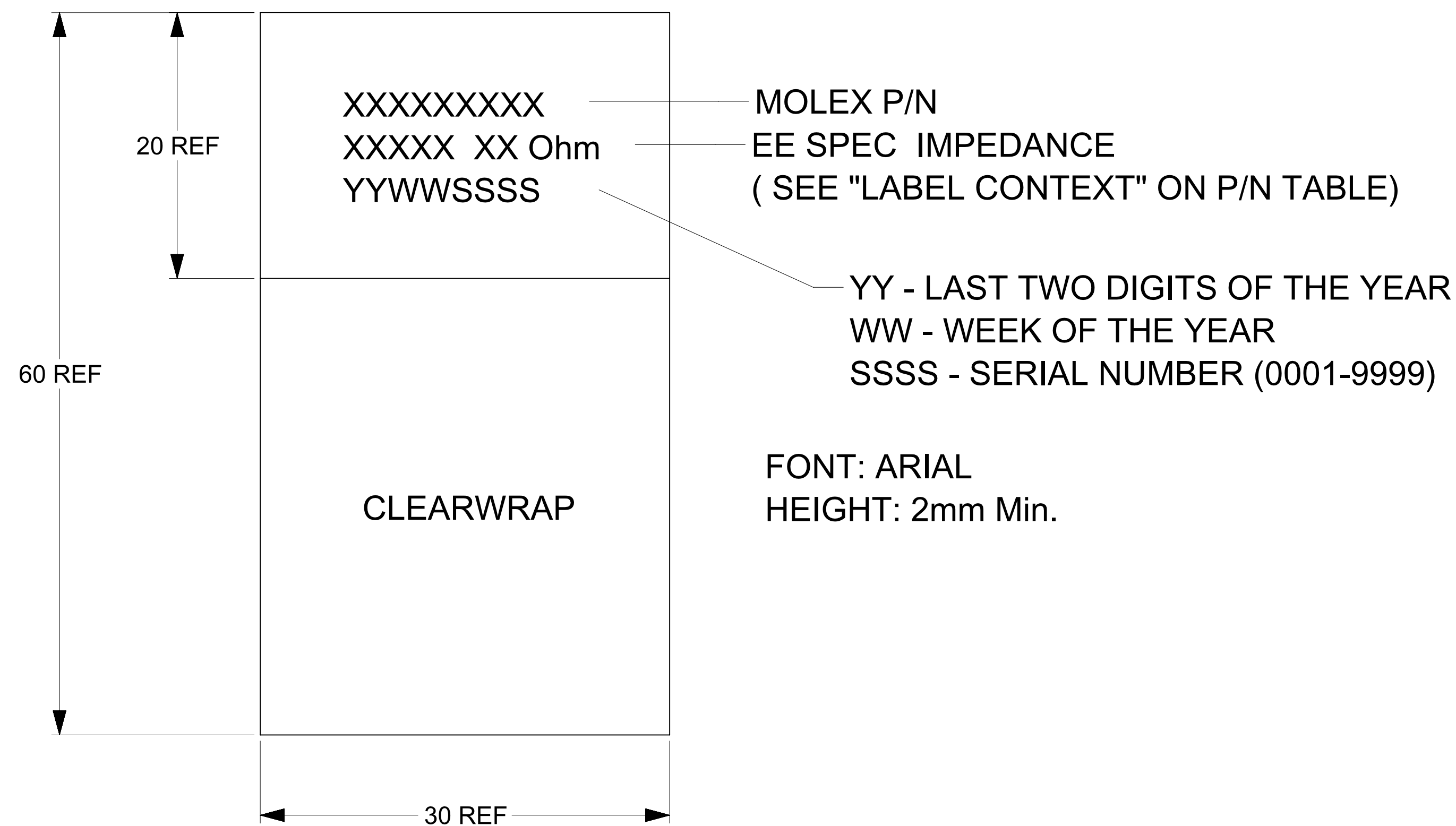
PRODUCT SALES DRAWING

# PINOUT DIAGRAM

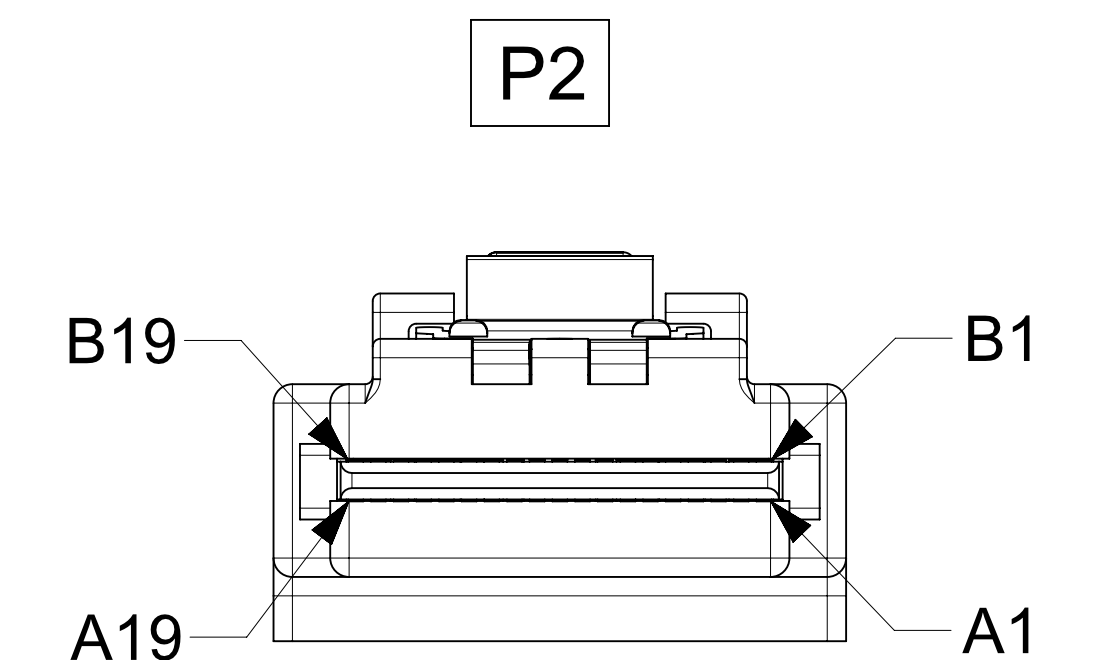
P1		SIGNAL TYPE	P2	
GND	A1	—	B1	GND
RX0+	A2	←	B2	TX0+
RX0-	A3	←	B3	TX0-
GND	A4	—	B4	GND
RX1+	A5	←	B5	TX1+
RX1-	A6	←	B6	TX1-
GND	A7	—	B7	GND
SB	A8	↔	B8	SB
SB	A9	↔	B9	SB
SB	A10	↔	B10	SB
SB	A11	↔	B11	SB
SB	A12	↔	B12	SB
GND	A13	—	B13	GND
RX2+	A14	←	B14	TX2+
RX2-	A15	←	B15	TX2-
GND	A16	—	B16	GND
RX3+	A17	←	B17	TX3+
RX3-	A18	←	B18	TX3-
GND	A19	—	B19	GND
GND	B1	—	A1	GND
TX0+	B2	→	A2	RX0+
TX0-	B3	→	A3	RX0-
GND	B4	—	A4	GND
TX1+	B5	→	A5	RX1+
TX1-	B6	→	A6	RX1-
GND	B7	—	A7	GND
SB	B8	↔	A8	SB
SB	B9	↔	A9	SB
SB	B10	↔	A10	SB
SB	B11	↔	A11	SB
SB	B12	↔	A12	SB
GND	B13	—	A13	GND
TX2+	B14	→	A14	RX2+
TX2-	B15	→	A15	RX2-
GND	B16	—	A16	GND
TX3+	B17	→	A17	RX3+
TX3-	B18	→	A18	RX3-
GND	B19	—	A19	GND

—————> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS  
 ————— = GND  
 <—————> = SIDEBAND  
 NOTE: ALL SIGNAL GROUND ARE BUSSED IN PCB.

# LABEL DETAIL



VIEW FROM MATING END OF THE CONNECTOR



VIEW FROM MATING END OF THE CONNECTOR

FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_D = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS: mm SCALE: 1:1	CURRENT REV DESC:					
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm$ 3° 4 PLACES $\pm$	3 PLACES $\pm$ 0.2000 2 PLACES $\pm$ 0.300 1 PLACE $\pm$ 0.40 0 PLACES $\pm$	STATUS: Production DRWN: Sky Lee CHK'D: Chung-Han Tsai APPR: Samuel (Shuen-Maw) Hou				2023-09-11 2023-09-13 2023-09-13	DOCUMENT NUMBER <b>2073701000</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING <b>D-SIZE</b>	SERIES <b>207370</b>	MATERIAL NUMBER CUSTOMER <b>GENERAL MARKET</b>	SHEET NUMBER <b>2 OF 3</b>		

REVISION TABLE			
DATE	REV	DESCRIPTION	ENGINEER
2020/07/17	C	ADDED THE 500MM LENGTH P/N TO THE P/N TABLE	SACHIN M K
2021/03/31	D	SHEET 1: UPDATED THE SLIMSAS 4X STR MODEL TO THE LATEST VERSION	SACHIN M K
2023/05/19	E	SHEET 02: UPDATED LABEL NOTE TO "SSSS - SERIAL NUMBER (0001-9999)"	AMRUTH
2023/09/11	E1	SHEET 1: ADDED THE NOTE OF "TIN-COATED COPPER (FOR SAS 3.0)" SHEET 1: UPDATED THE P/N FROM "207370130" TO "2073701303" IN TABLE	SKY LEE

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FC = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
	mm	1:1	STATUS: Production DRWN: Sky Lee CHK'D: Chung-Han Tsai APPR: Samuel (Shuen-Maw) Hou 
	GENERAL TOLERANCES (UNLESS SPECIFIED)		
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	4 PLACES	±	
	3 PLACES	± 0.2000	
2 PLACES	± 0.300		
1 PLACE	± 0.40	2023-09-11	
0 PLACES	±	2023-09-13	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D-SIZE	207370
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER	CUSTOMER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2073701000	GENERAL MARKET
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER	DOC TYPE   DOC PART   REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2073701000	PSD   000   E1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		3 OF 3	

**molex**

SLIMSAS 4X STR TO RAD CABLE ASSY.

PRODUCT SALES DRAWING

DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION

2073701000 | PSD | 000 | E1

MATERIAL NUMBER | CUSTOMER

207370 | GENERAL MARKET

SHEET NUMBER

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