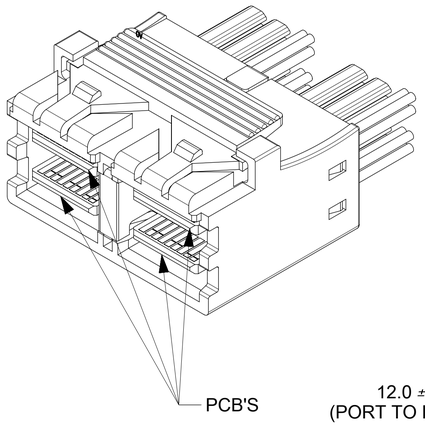
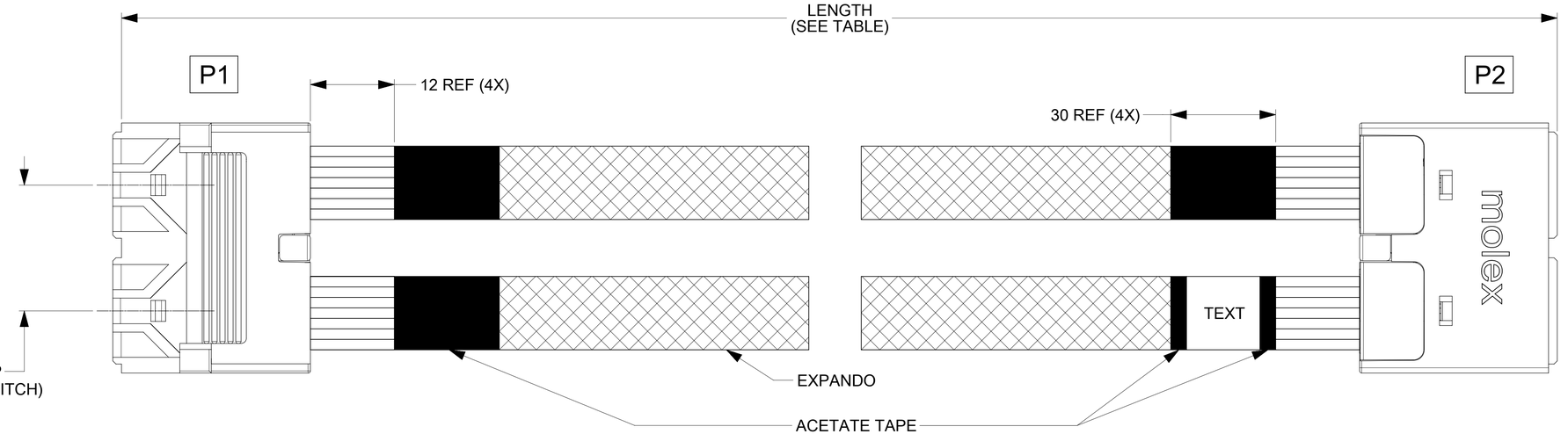
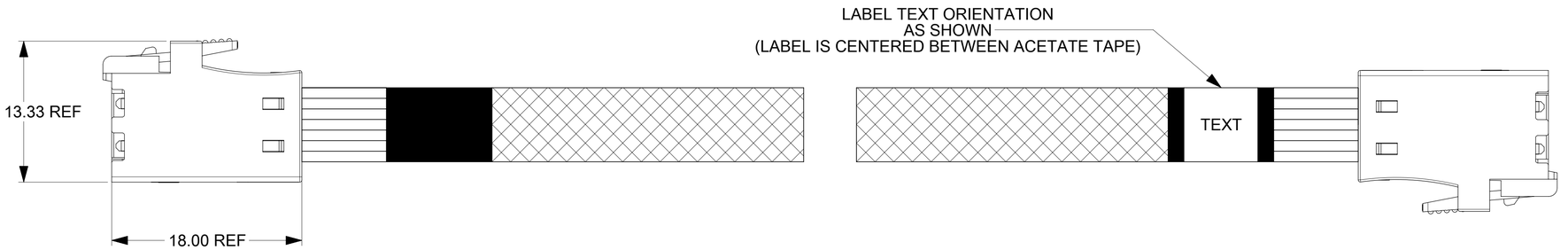






MOLEX P/N	AWG	IMPEDANCE	LENGTH (mm)	TOLERANCE (±mm)	DESCRIPTION	PINOUT
1001900100	30	100 OHM	152	10	CTRL TO BP	1
1001900101	30	100 OHM	300	10	CTRL TO BP	1
1001900102	30	100 OHM	500	10	CTRL TO BP	1
1001900103	30	100 OHM	600	10	CTRL TO BP	1
1001900104	30	100 OHM	1000	15	CTRL TO BP	1
1001900105	30	100 OHM	191	10	CTRL TO BP	1
1001900200	30	100 OHM	152	10	CTRL TO CTRL	2
1001900201	30	100 OHM	300	10	CTRL TO CTRL	2
1001900202	30	100 OHM	500	10	CTRL TO CTRL	2
1001900203	30	100 OHM	600	10	CTRL TO CTRL	2
1001900204	30	100 OHM	1000	15	CTRL TO CTRL	2

NOTES:
1. MATERIAL:
   HOUSING - NYLON, UL94-V0
   LATCH - MOLDED INTO HOUSING
   EXPANDO - PET
   CABLE - TWIN-AX SHIELD: ALUMNINIZED POLYESTER FOIL
   SIGNAL AND DRAIN: SOLID COPPER
   PCB - FR4 (HALOGEN FREE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
3. RoHS COMPLIANT. NO EXEMPTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/02 15:24:26

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

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 600854
DRWN: THSU 2018/06/19
CHK'D: VPENG01 2018/07/02
APPR: VPENG01 2018/07/02

INITIAL REVISION:
DRWN: LOU01 2017/11/27
APPR: VPENG01 2018/05/07

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 100190

molex

8X INT HD SHORT BODY STRAIGHT CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1001900100	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE	GENERAL MARKET	1 OF 4

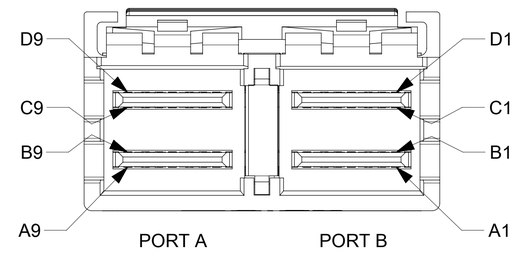
PINOUT 1

CONTROLLER	P1			P2		BACKPLANE
	GND	D9	NC	B9	GND	
	TX2-	D8	————>	B8	RX2-	
	TX2+	D7	————>	B7	RX2+	
	GND	D6	————	B6	GND	
	TX0-	D5	————>	B5	RX0-	
	TX0+	D4	————>	B4	RX0+	
	GND	D3	————	B3	GND	
	SB6	D2	----------	D1	SB6	
	SB5	D1	----------	D2	SB5	
	SB4	C1	----------	C2	SB4	
	SB2	C2	----------	C1	SB2	
	GND	C3	————	A3	GND	
	TX1+	C4	————>	A4	RX1+	
	TX1-	C5	————>	A5	RX1-	
	GND	C6	————	A6	GND	
	TX3+	C7	————>	A7	RX3+	
	TX3-	C8	————>	A8	RX3-	
	GND	C9	NC	A9	GND	
	GND	B9	NC	D9	GND	
	RX2-	B8	<————	D8	TX2-	
	RX2+	B7	<————	D7	TX2+	
	GND	B6	————	D6	GND	
	RX0-	B5	<————	D5	TX0-	
	RX0+	B4	<————	D4	TX0+	
	GND	B3	————	D3	GND	
	SB1	B2	----------	B1	SB1	
	SB3	B1	----------	B2	SB3	
	SB7	A1	----------	A2	SB7	
	SB0	A2	----------	A1	SB0	
	GND	A3	————	C3	GND	
	RX1+	A4	<————	C4	TX1+	
	RX1-	A5	<————	C5	TX1-	
	GND	A6	————	C6	GND	
	RX3+	A7	<————	C7	TX3+	
	RX3-	A8	<————	C8	TX3-	
	GND	A9	NC	C9	GND	

PINOUT 2

CONTROLLER	P1			P2		CONTROLLER
	GND	D9	NC	B9	GND	
	TX2-	D8	————>	B8	RX2-	
	TX2+	D7	————>	B7	RX2+	
	GND	D6	————	B6	GND	
	TX0-	D5	————>	B5	RX0-	
	TX0+	D4	————>	B4	RX0+	
	GND	D3	————	B3	GND	
	SB6	D2	----------	B2	SB1	
	SB5	D1	----------	C2	SB2	
	SB4	C1	----------	B1	SB3	
	SB2	C2	----------	D1	SB5	
	GND	C3	————	A3	GND	
	TX1+	C4	————>	A4	RX1+	
	TX1-	C5	————>	A5	RX1-	
	GND	C6	————	A6	GND	
	TX3+	C7	————>	A7	RX3+	
	TX3-	C8	————>	A8	RX3-	
	GND	C9	————	A9	GND	
	GND	B9	NC	D9	GND	
	RX2-	B8	NC	D8	TX2-	
	RX2+	B7	<————	D7	TX2+	
	GND	B6	————	D6	GND	
	RX0-	B5	<————	D5	TX0-	
	RX0+	B4	<————	D4	TX0+	
	GND	B3	————	D3	GND	
	SB1	B2	----------	D2	SB6	
	SB3	B1	----------	C1	SB4	
	SB7	A1	----------	A2	SB0	
	SB0	A2	----------	A1	SB7	
	GND	A3	————	C3	GND	
	RX1+	A4	<————	C4	TX1+	
	RX1-	A5	<————	C5	TX1-	
	GND	A6	————	C6	GND	
	RX3+	A7	<————	C7	TX3+	
	RX3-	A8	<————	C8	TX3-	
	GND	A9	NC	C9	GND	

P1 & P2



LEGEND:
——— = GROUND LINES
--------- = THRU LINES
———> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
PORT A ——— PORT B
PORT B ——— PORT A

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

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 600854
DRWN: THSU 2018/06/19
CHK'D: VPENG01 2018/07/02
APPR: VPENG01 2018/07/02

INITIAL REVISION:
DRWN: LOU01 2017/11/27
APPR: VPENG01 2018/05/07

molex

8X INT HD SHORT BODY STRAIGHT CBL ASSY

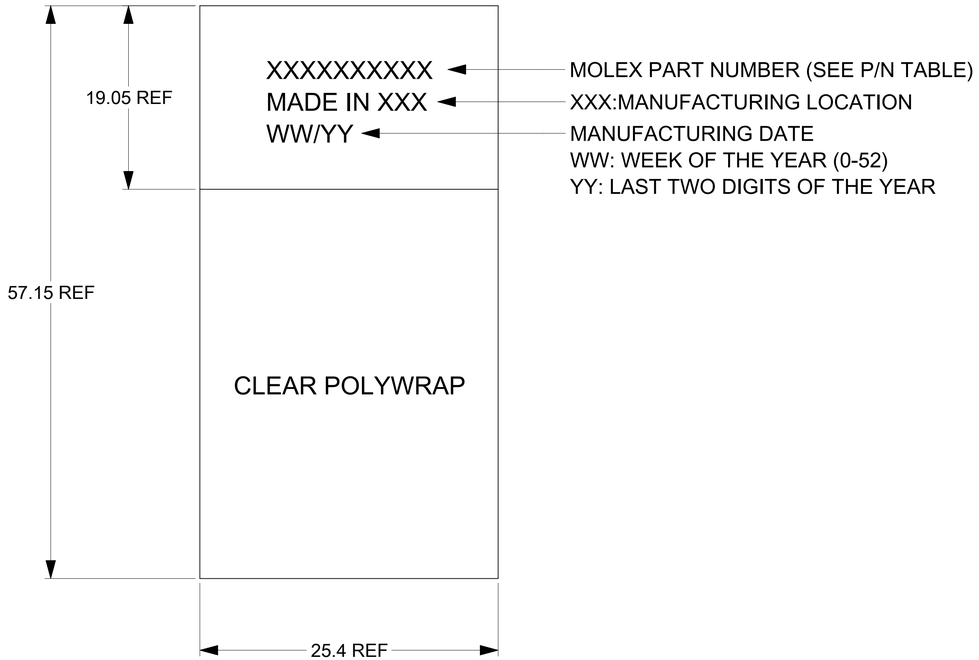
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1001900100	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100190	SEE P/N TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/02 15:24:26

LABEL DETAIL



XXXXXXXXXX ← MOLEX PART NUMBER (SEE P/N TABLE)

MADE IN XXX ← XXX:MANUFACTURING LOCATION

WW/YY ← MANUFACTURING DATE
WW: WEEK OF THE YEAR (0-52)
YY: LAST TWO DIGITS OF THE YEAR

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

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 600854
DRWN: THSU 2018/06/19
CHK'D: VPENG01 2018/07/02
APPR: VPENG01 2018/07/02

INITIAL REVISION:
DRWN: LOU01 2017/11/27
APPR: VPENG01 2018/05/07

molex

8X INT HD SHORT BODY STRAIGHT CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1001900100	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100190	SEE P/N TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/02 15:24:26

REVISION HISTORY		
DATE	REV	DESCRIPTION
2014/04/24	A	INITIAL RELEASE
2018/05/04	B	UPDATE TEMPLATES
2018/06/26	C	SHEET 1 : K4 : HD TYPE CHAGNED TO UNIVERSAL HD TYPE

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

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 600854

DRWN: THSU 2018/06/19

CHK'D: VPENG01 2018/07/02

APPR: VPENG01 2018/07/02

INITIAL REVISION:

DRWN: LOU01 2017/11/27

APPR: VPENG01 2018/05/07

molex

8X INT HD SHORT BODY STRAIGHT CBL ASSY

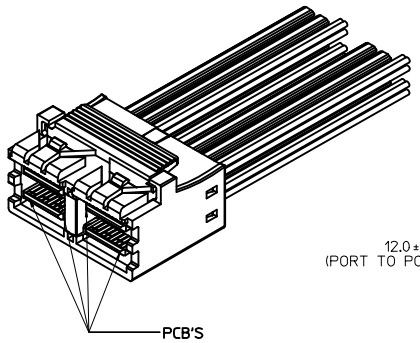
PRODUCT CUSTOMER DRAWING

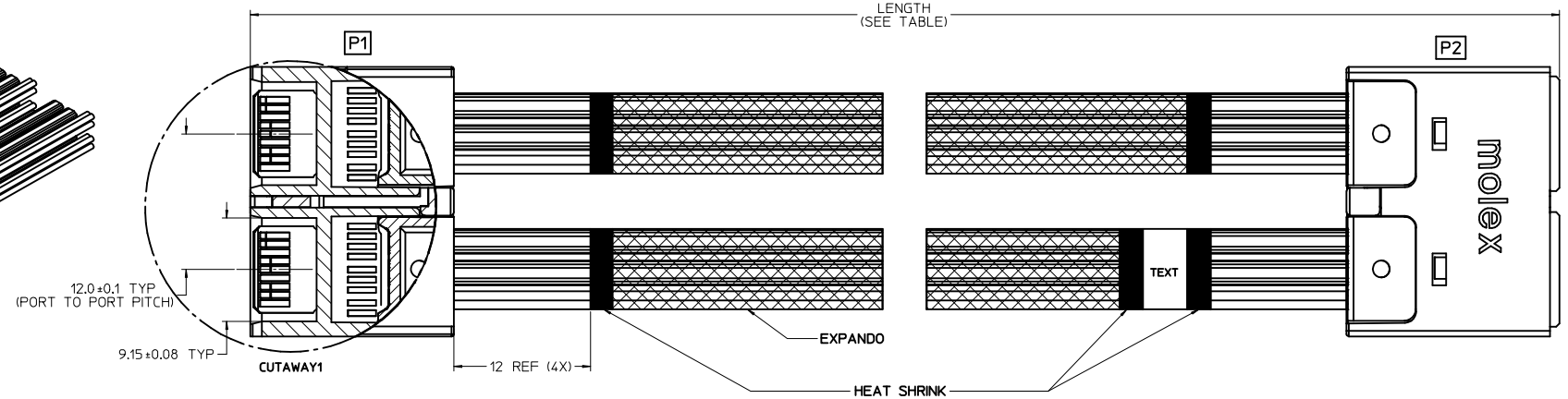
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1001900100	PSD	000	C

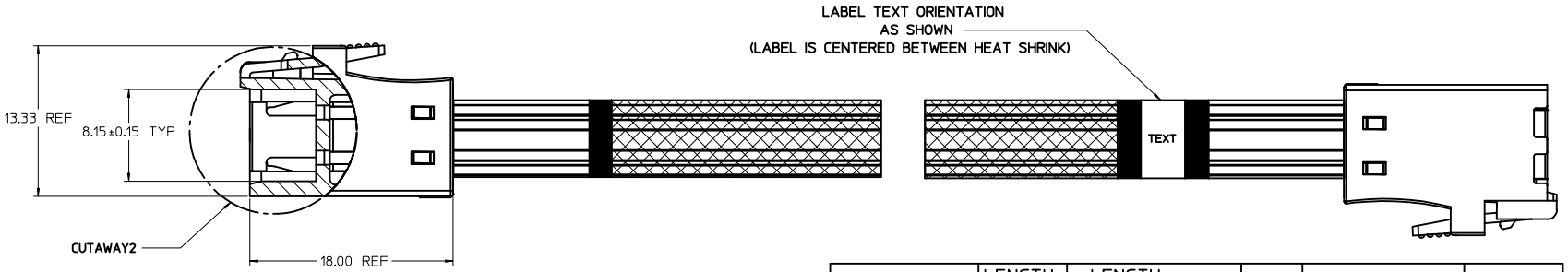
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100190	SEE P/N TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/02 15:24:26

TM-100190-0100







MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG	DESCRIPTION	PINOUT
1001900100	0.152	±10	30	CTRL TO BP	1
1001900101	0.300	±10	30	CTRL TO BP	1
1001900102	0.500	±10	30	CTRL TO BP	1
1001900103	0.600	±10	30	CTRL TO BP	1
1001900104	1.000	±15	30	CTRL TO BP	1
1001900200	0.152	±10	30	CTRL TO CTRL	2
1001900201	0.300	±10	30	CTRL TO CTRL	2
1001900202	0.500	±10	30	CTRL TO CTRL	2
1001900203	0.600	±10	30	CTRL TO CTRL	2
1001900204	1.000	±15	30	CTRL TO CTRL	2

NOTES:
1. MATERIAL:
   HOUSING - NYLON UL94 V-0
   LATCH - MOLDED INTO HOUSING
   CABLE:
   TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
   INNER DIELECTRIC: FEP
   SIGNAL AND DRAIN: SOLID COPPER
   PCB - FR4 (HALOGEN FREE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0.
3. RoHS COMPLIANT, NO EXEMPTIONS.

INITIAL RELEASE
EC NO: CPG2014-0206 2013/06/07
DRWN:EMEDINA 2013/06/24
CHKD:PSYSTMA 2014/04/24
APPR:CHIRSCHY
DESCRIPTION
REV A

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: EMEDINA DATE: 2013/06/07
CHECKED BY: PSYSTMA DATE: 2013/06/24
APPROVED BY: CHIRSCHY DATE: 2014/04/24
MATERIAL NO.: SEE P/N TABLE
SIZE: D

TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY
molex
DOCUMENT NO.: SD-100190-0100
SHEET NO.: 1 OF 3

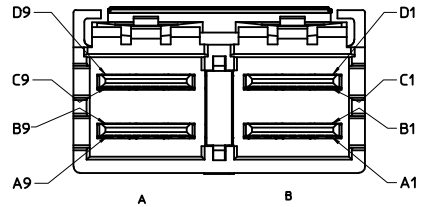
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PINOUT 1

CONTROLLER P1			BACKPLANE P2	
GND	D9	- - - - -	GND	B9
TX2-	D8	→	RX2-	B8
TX2+	D7	→	RX2+	B7
GND	D6	- - - - -	GND	B6
TX0-	D5	→	RX0-	B5
TX0+	D4	→	RX0+	B4
GND	D3	- - - - -	GND	B3
SB6	D2	—	SB6	D1
SB5	D1	—	SB5	D2
SB4	C1	—	SB4	C2
SB2	C2	—	SB2	C1
GND	C3	- - - - -	GND	A3
TX1+	C4	→	RX1+	A4
TX1-	C5	→	RX1-	A5
GND	C6	- - - - -	GND	A6
TX3+	C7	→	RX3+	A7
TX3-	C8	→	RX3-	A8
GND	C9	- - - - -	GND	A9
GND	B9	- - - - -	GND	D9
RX2-	B8	←	TX2-	D8
RX2+	B7	←	TX2+	D7
GND	B6	- - - - -	GND	D6
RX0-	B5	←	TX0-	D5
RX0+	B4	←	TX0+	D4
GND	B3	- - - - -	GND	D3
SB1	B2	—	SB1	B1
SB3	B1	—	SB3	B2
SB7	A1	—	SB7	A2
SB0	A2	—	SB0	A1
GND	A3	- - - - -	GND	C3
RX1+	A4	←	TX1+	C4
RX1-	A5	←	TX1-	C5
GND	A6	- - - - -	GND	C6
RX3+	A7	←	TX3+	C7
RX3-	A8	←	TX3-	C8
GND	A9	- - - - -	GND	C9

PINOUT 2

CONTROLLER P1			CONTROLLER P2	
GND	D9	- - - - -	GND	B9
TX2-	D8	→	RX2-	B8
TX2+	D7	→	RX2+	B7
GND	D6	- - - - -	GND	B6
TX0-	D5	→	RX0-	B5
TX0+	D4	→	RX0+	B4
GND	D3	- - - - -	GND	B3
SB6	D2	—	SB1	B2
SB5	D1	—	SB2	C2
SB4	C1	—	SB3	B1
SB2	C2	—	SB5	D1
GND	C3	- - - - -	GND	A3
TX1+	C4	→	RX1+	A4
TX1-	C5	→	RX1-	A5
GND	C6	- - - - -	GND	A6
TX3+	C7	→	RX3+	A7
TX3-	C8	→	RX3-	A8
GND	C9	- - - - -	GND	A9
GND	B9	- - - - -	GND	D9
RX2-	B8	←	TX2-	D8
RX2+	B7	←	TX2+	D7
GND	B6	- - - - -	GND	D6
RX0-	B5	←	TX0-	D5
RX0+	B4	←	TX0+	D4
GND	B3	- - - - -	GND	D3
SB1	B2	—	SB6	D2
SB3	B1	—	SB4	C1
SB7	A1	—	SB0	A2
SB0	A2	—	SB7	A1
GND	A3	- - - - -	GND	C3
RX1+	A4	←	TX1+	C4
RX1-	A5	←	TX1-	C5
GND	A6	- - - - -	GND	C6
RX3+	A7	←	TX3+	C7
RX3-	A8	←	TX3-	C8
GND	A9	- - - - -	GND	C9



---- = THRU LINES
---> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

NOTE:
THESE PINOUTS ARE DUPLICATED FOR BOTH PORTS.

REV	DESCRIPTION	
A	INITIAL RELEASE EC NO: CPG2014-0206	2013/06/07 2013/06/24 2014/04/24
	DRWN:EMEDINA CHKD:PSYSTMA APPR:CHIRSCHY	

QUALITY SYMBOLS: ▽=0, ▽=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	1:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	EMEDINA 2013/06/07
CHECKED BY	PSYSTMA 2013/06/24
APPROVED BY	CHIRSCHY 2014/04/24
MATERIAL NO.	SEE SHEET 1
SIZE	D

TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY

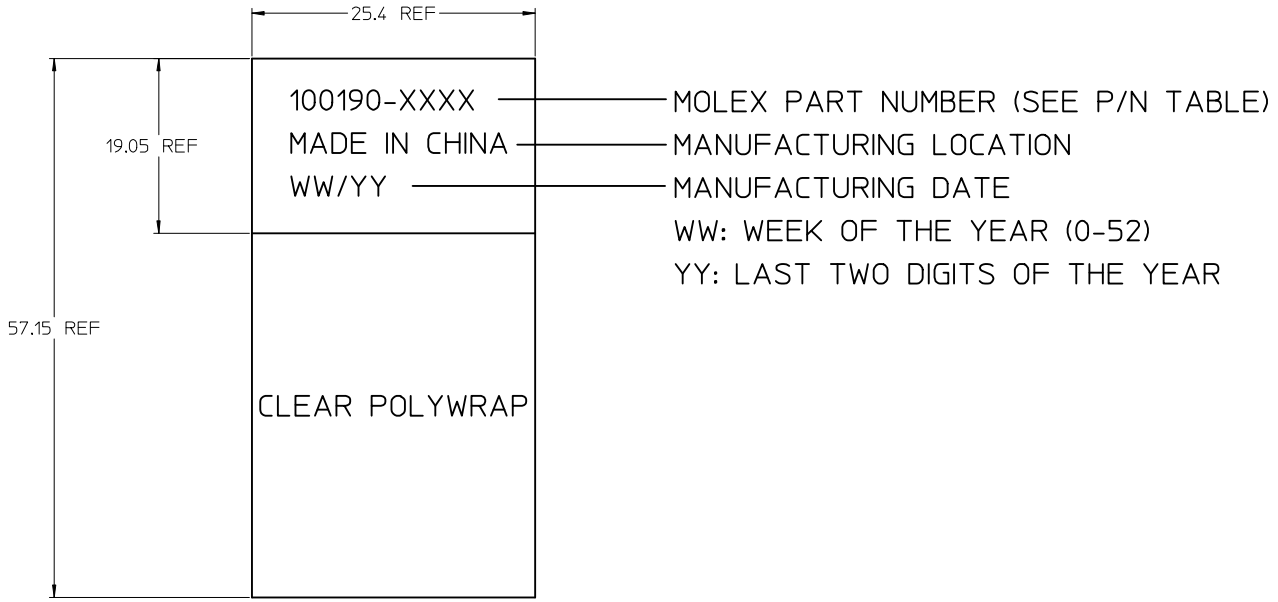
molex

DOCUMENT NO. SD-100190-0100

SHEET NO. 2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

LABEL DETAIL



INITIAL RELEASE
EC NO: CPG2014-0206
DRWN:EMEDINA 2013/06/07
CHKD:PSYSTMA 2013/06/24
APPR:CHIRSCHY 2014/04/24
REV: A
DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

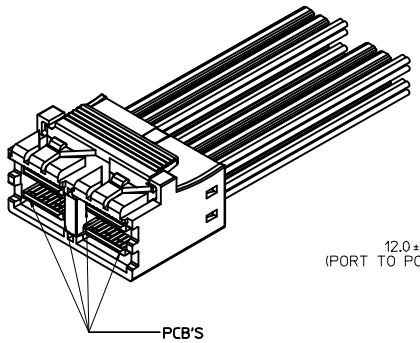
DIMENSION STYLE: MM ONLY
SCALE:
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

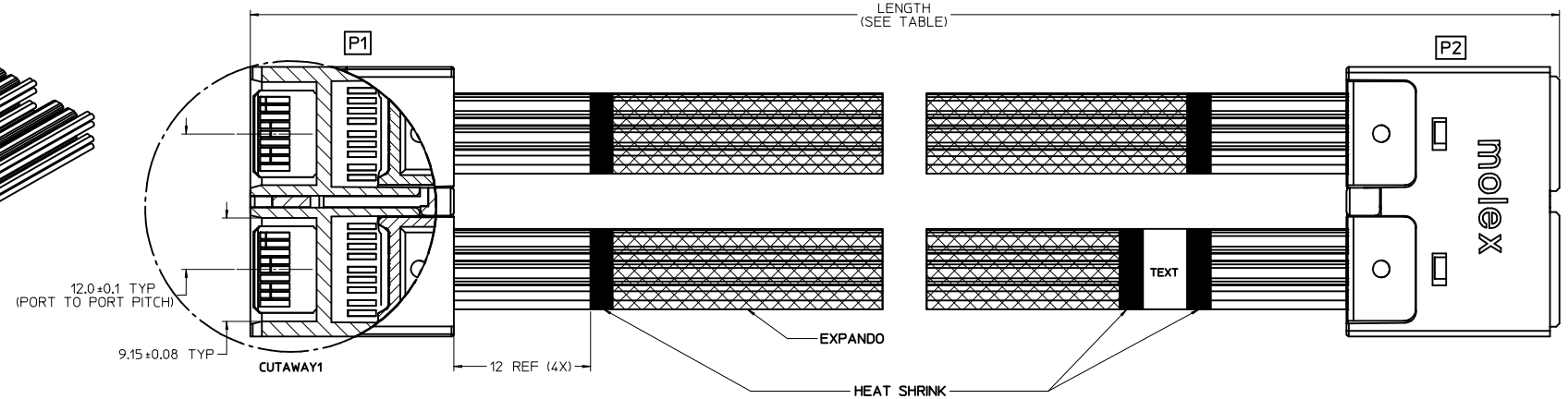
DRAWN BY: EMEDINA DATE: 2013/06/07
CHECKED BY: PSYSTMA DATE: 2013/06/24
APPROVED BY: CHIRSCHY DATE: 2014/04/24
MATERIAL NO.: SEE SHEET 1

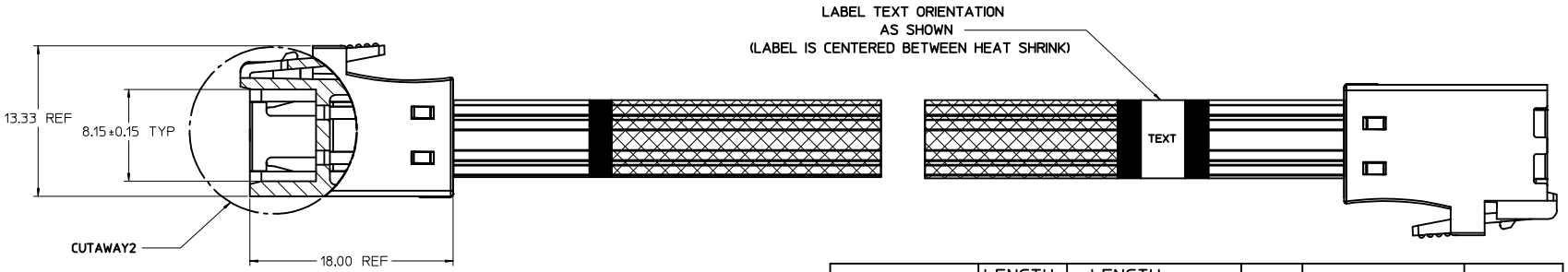
TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY
molex
DOCUMENT NO.: SD-100190-0100
SHEET NO.: 3 OF 3
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TM-100190-0100







MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG	DESCRIPTION	PINOUT
1001900100	0.152	±10	30	CTRL TO BP	1
1001900101	0.300	±10	30	CTRL TO BP	1
1001900102	0.500	±10	30	CTRL TO BP	1
1001900103	0.600	±10	30	CTRL TO BP	1
1001900104	1.000	±15	30	CTRL TO BP	1
1001900200	0.152	±10	30	CTRL TO CTRL	2
1001900201	0.300	±10	30	CTRL TO CTRL	2
1001900202	0.500	±10	30	CTRL TO CTRL	2
1001900203	0.600	±10	30	CTRL TO CTRL	2
1001900204	1.000	±15	30	CTRL TO CTRL	2

NOTES:
1. MATERIAL:
   HOUSING - NYLON UL94 V-0
   LATCH - MOLDED INTO HOUSING
   CABLE:
   TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
   INNER DIELECTRIC: FEP
   SIGNAL AND DRAIN: SOLID COPPER
   PCB - FR4 (HALOGEN FREE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0.
3. RoHS COMPLIANT, NO EXEMPTIONS.

INITIAL RELEASE
EC NO: CPG2014-0206 2013/06/07
DRWN:EMEDINA 2013/06/24
CHKD:PSYSTMA 2014/04/24
APPR:CHIRSCHY
DESCRIPTION
REV A

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: EMEDINA DATE: 2013/06/07
CHECKED BY: PSYSTMA DATE: 2013/06/24
APPROVED BY: CHIRSCHY DATE: 2014/04/24
MATERIAL NO.: SEE P/N TABLE
SIZE: D

TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY
molex
DOCUMENT NO.: SD-100190-0100
SHEET NO.: 1 OF 3

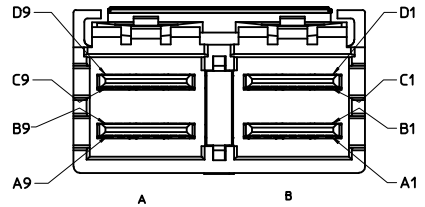
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PINOUT 1

CONTROLLER P1			BACKPLANE P2	
GND	D9	- - - - -	GND	B9
TX2-	D8	→	RX2-	B8
TX2+	D7	→	RX2+	B7
GND	D6	- - - - -	GND	B6
TX0-	D5	→	RX0-	B5
TX0+	D4	→	RX0+	B4
GND	D3	- - - - -	GND	B3
SB6	D2	—	SB6	D1
SB5	D1	—	SB5	D2
SB4	C1	—	SB4	C2
SB2	C2	—	SB2	C1
GND	C3	- - - - -	GND	A3
TX1+	C4	→	RX1+	A4
TX1-	C5	→	RX1-	A5
GND	C6	- - - - -	GND	A6
TX3+	C7	→	RX3+	A7
TX3-	C8	→	RX3-	A8
GND	C9	- - - - -	GND	A9
GND	B9	- - - - -	GND	D9
RX2-	B8	←	TX2-	D8
RX2+	B7	←	TX2+	D7
GND	B6	- - - - -	GND	D6
RX0-	B5	←	TX0-	D5
RX0+	B4	←	TX0+	D4
GND	B3	- - - - -	GND	D3
SB1	B2	—	SB1	B1
SB3	B1	—	SB3	B2
SB7	A1	—	SB7	A2
SB0	A2	—	SB0	A1
GND	A3	- - - - -	GND	C3
RX1+	A4	←	TX1+	C4
RX1-	A5	←	TX1-	C5
GND	A6	- - - - -	GND	C6
RX3+	A7	←	TX3+	C7
RX3-	A8	←	TX3-	C8
GND	A9	- - - - -	GND	C9

PINOUT 2

CONTROLLER P1			CONTROLLER P2	
GND	D9	- - - - -	GND	B9
TX2-	D8	→	RX2-	B8
TX2+	D7	→	RX2+	B7
GND	D6	- - - - -	GND	B6
TX0-	D5	→	RX0-	B5
TX0+	D4	→	RX0+	B4
GND	D3	- - - - -	GND	B3
SB6	D2	—	SB1	B2
SB5	D1	—	SB2	C2
SB4	C1	—	SB3	B1
SB2	C2	—	SB5	D1
GND	C3	- - - - -	GND	A3
TX1+	C4	→	RX1+	A4
TX1-	C5	→	RX1-	A5
GND	C6	- - - - -	GND	A6
TX3+	C7	→	RX3+	A7
TX3-	C8	→	RX3-	A8
GND	C9	- - - - -	GND	A9
GND	B9	- - - - -	GND	D9
RX2-	B8	←	TX2-	D8
RX2+	B7	←	TX2+	D7
GND	B6	- - - - -	GND	D6
RX0-	B5	←	TX0-	D5
RX0+	B4	←	TX0+	D4
GND	B3	- - - - -	GND	D3
SB1	B2	—	SB6	D2
SB3	B1	—	SB4	C1
SB7	A1	—	SB0	A2
SB0	A2	—	SB7	A1
GND	A3	- - - - -	GND	C3
RX1+	A4	←	TX1+	C4
RX1-	A5	←	TX1-	C5
GND	A6	- - - - -	GND	C6
RX3+	A7	←	TX3+	C7
RX3-	A8	←	TX3-	C8
GND	A9	- - - - -	GND	C9



---- = THRU LINES
---> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

NOTE:
THESE PINOUTS ARE DUPLICATED FOR BOTH PORTS.

REV	DESCRIPTION	
A	INITIAL RELEASE EC NO: CPG2014-0206	2013/06/07 2013/06/24 2014/04/24
	DRWN:EMEDINA CHKD:PSYSTMA APPR:CHIRSCHY	

QUALITY SYMBOLS: ▽=0, ▽=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	1:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	EMEDINA 2013/06/07
CHECKED BY	PSYSTMA 2013/06/24
APPROVED BY	CHIRSCHY 2014/04/24
MATERIAL NO.	SEE SHEET 1
SIZE	D

TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY

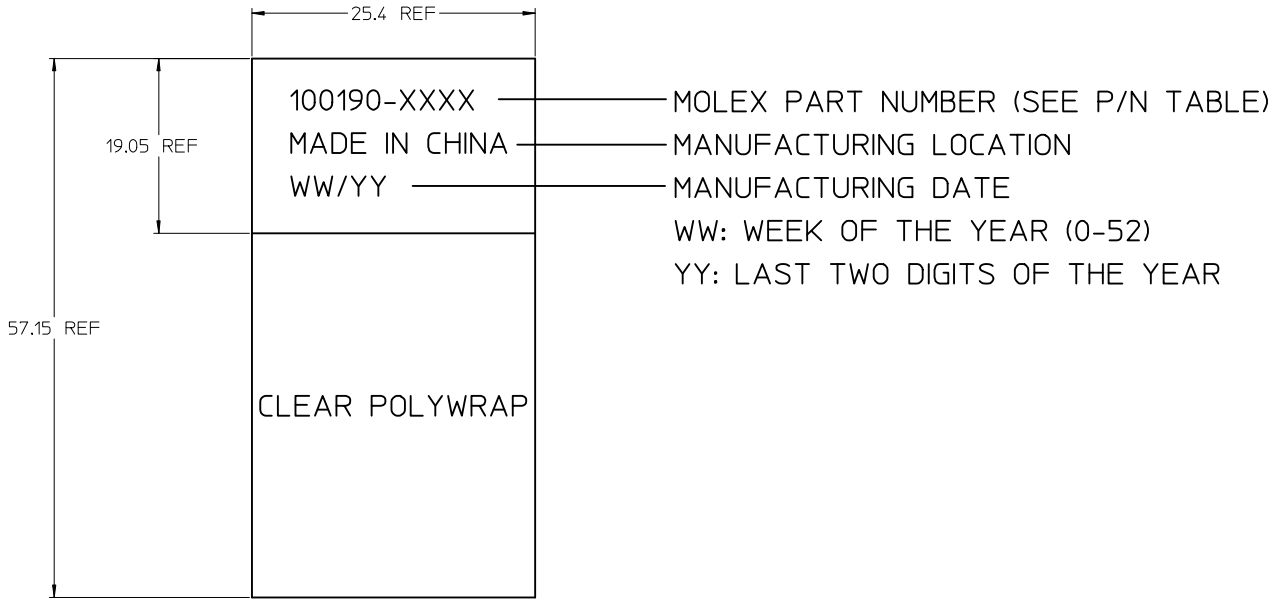
molex

DOCUMENT NO. SD-100190-0100

SHEET NO. 2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

LABEL DETAIL



INITIAL RELEASE
EC NO: CPG2014-0206
DRWN:EMEDINA 2013/06/07
CHKD:PSYSTMA 2013/06/24
APPR:CHIRSCHY 2014/04/24
REV: A
DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE:
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: EMEDINA DATE: 2013/06/07
CHECKED BY: PSYSTMA DATE: 2013/06/24
APPROVED BY: CHIRSCHY DATE: 2014/04/24
MATERIAL NO.: SEE SHEET 1

TITLE: 8X INTERNAL HD SHORT BODY STRAIGHT CABLE ASSEMBLY
molex
DOCUMENT NO.: SD-100190-0100
SHEET NO.: 3 OF 3
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION