

NOTES: 1. MATERIAL:

HOUSING: POLYESTER, G.F. (UL 94V-0), COLOUR - BLACK.
TERMINAL: PHOSPHOR BRONZE.

2. TERMINAL PLATING:

90635-***1: CONTACT AREA: GOLD FLASH 0.1µm MIN.

I.D. AREA: TIN 1µm MIN. OVER
NICKEL 1µm MIN.

90635-***2: CONTACT AREA: GOLD 0.76µm MIN.

I.D. AREA: TIN 1µm MIN. OVER
NICKEL 1µm MIN.

90635-***3: CONTACT AREA: GOLD 0.38µm MIN.

I.D. AREA: TIN 1µm MIN. OVER
NICKEL 1µm MIN.

3. FOR USE WITH NO. 26 & 28 AWG STRANDED WIRE (7 CONDUCTORS)
AND NO. 28 SOLID WIRE 1.14 DIA. MAX. INSULATION RIBBON
CABLE WITH 1.27 CENTERS.

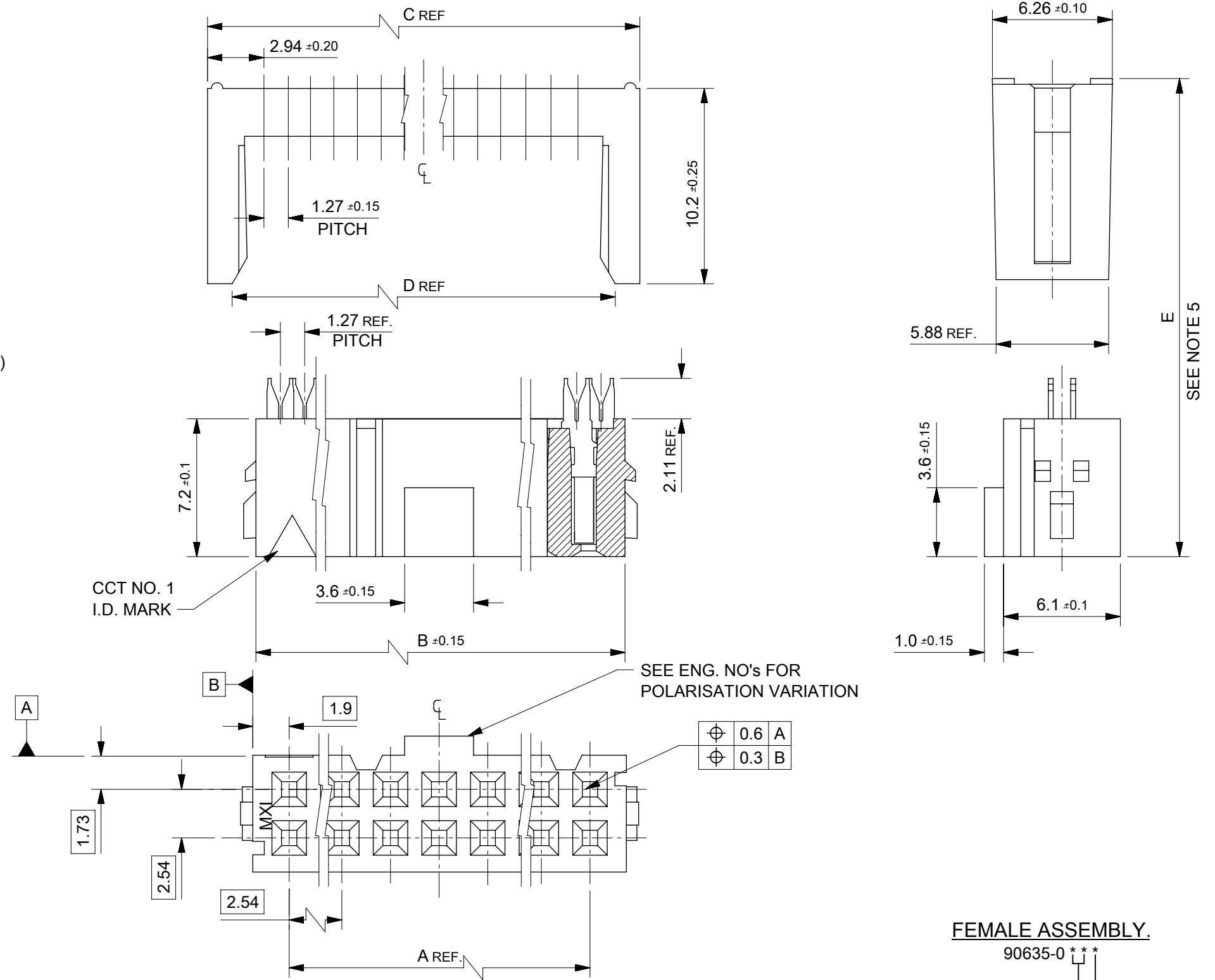
4. MATING STRAIN RELIEF: MOLEX NO. 90170.

5. DIMENSION "E" IS TOTAL HEIGHT AFTER ASSEMBLED WITH CABLE.
E= 10.5 REF. WITHOUT STRAIN RELIEF.

E= 15.2 MAX. WITH STRAIN RELIEF NO. 90170.
14.5 REF. WHEN COMPRESSED.

6. FOR PRODUCT SPECIFICATION, SEE PS: 99020-0015.

64	90635-064*	78.74	82.54	85.88	83.31
60	90635-060*	73.66	77.46	80.80	78.23
50	90635-050*	60.96	64.76	68.10	65.53
40	90635-040*	48.26	52.06	55.40	52.83
34	90635-034*	40.64	44.44	47.78	45.21
30	90635-030*	35.56	39.36	42.70	40.13
26	90635-026*	30.48	34.28	37.62	35.05
24	90635-024*	27.94	31.74	35.08	32.51
20	90635-020*	22.86	26.66	30.00	27.43
16	90635-016*	17.78	21.58	24.92	22.35
14	90635-014*	15.24	19.04	22.38	19.81
10	90635-010*	10.16	13.96	17.30	14.73
NO. OF CKT.	ENG. NO.	A	B	C REF.	D

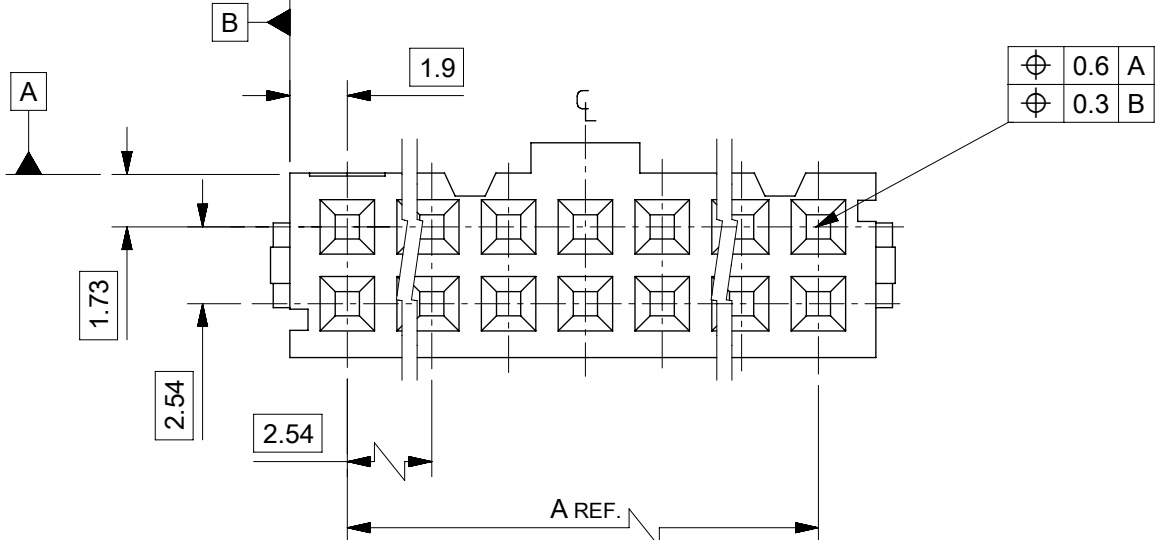
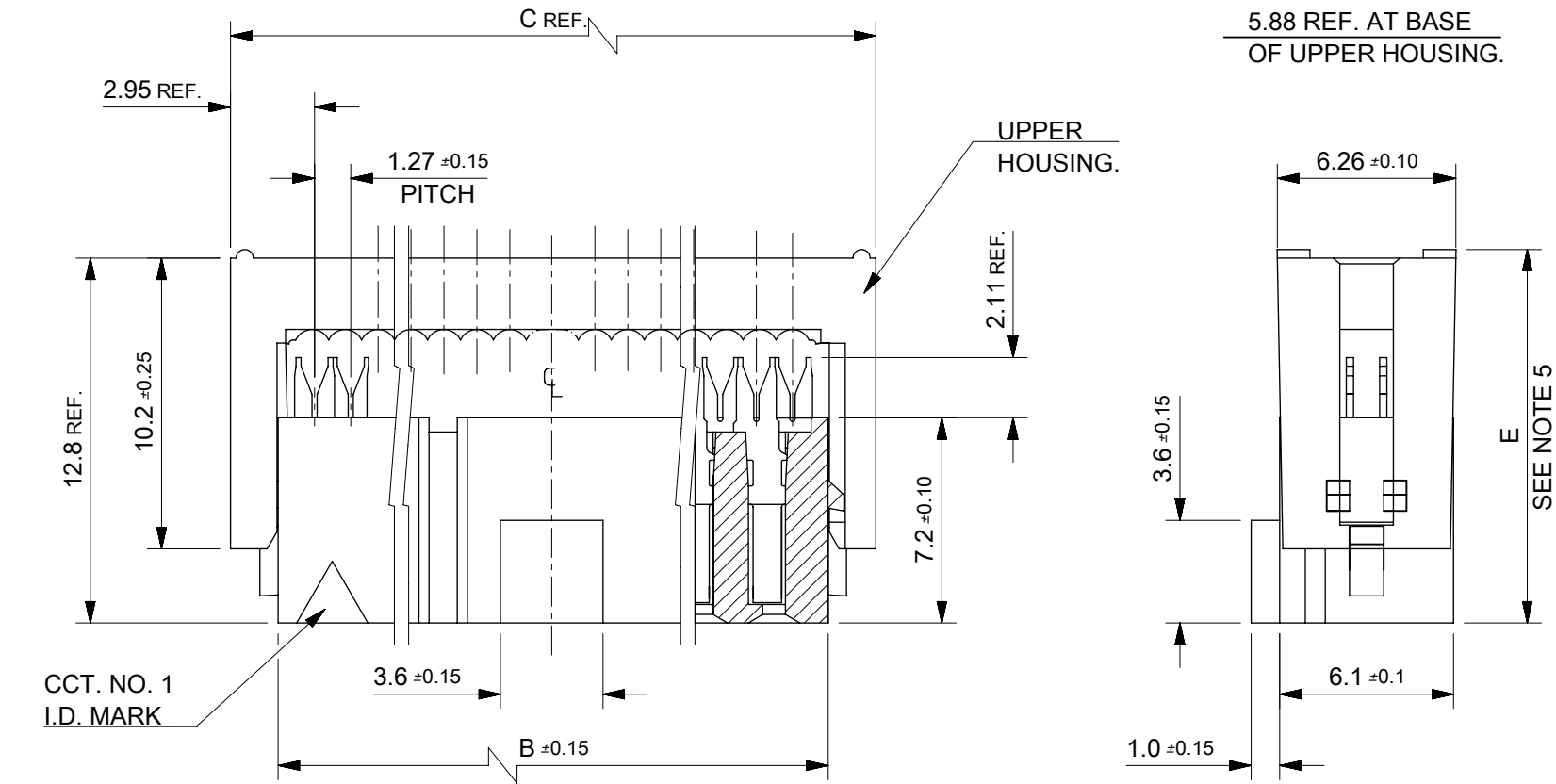


FEMALE ASSEMBLY.
90635-0 ***
CIRCUIT SIZE
PLATING
OPTION

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: CAD MIGRATION				molex	
mm		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619136 DRWN: EEGBEDIRE2018/10/04 CHK'D: TTOURISH2019/04/15 APPR: DMAHER2019/04/15 PRODUCT CUSTOMER DRAWING					
ANGULAR TOL		± °							
4 PLACES		±							
3 PLACES		±							
2 PLACES		±							
1 PLACE		±							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION	
						A3-SIZE		90635	
				EC NO: 619136		2018/10/04		QIK FLECS SINGLE BEAM FEMALE ASSEMBLY PRODUCT CUSTOMER DRAWING	
				DRWN: EEGBEDIRE		2018/10/04			
				CHK'D: TTOURISH		2019/04/15			
				APPR: DMAHER		2019/04/15			
				INITIAL REVISION:					
				DRWN: POB		1990/09/25			
				APPR: JDENNEHY		2005/08/10			

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6. FOR PRODUCT SPECIFICATION, SEE PS: 99020-0015.

64	90635-164*	78.74	82.54	85.88
60	90635-160*	73.66	77.46	80.80
50	90635-150*	60.96	64.76	68.10
40	90635-140*	48.26	52.06	55.40
34	90635-134*	40.64	44.44	47.78
30	90635-130*	35.56	39.36	42.70
26	90635-126*	30.48	34.28	37.62
24	90635-124*	27.94	31.74	35.08
20	90635-120*	22.86	26.66	30.00
16	90635-116*	17.78	21.58	24.92
14	90635-114*	15.24	19.04	22.38
10	90635-110*	10.16	13.96	17.30
NO. OF CKT.	ENG. NO.	A	B	C REF



FEMALE ASSEMBLY.
PRE-LOADED.
90635-1 ***
CIRCUIT SIZE
PLATING
OPTION

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DIMENSION UNITS mm		SCALE 4:1		CURRENT REV DESC: CAD MIGRATION			molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619136			QIK FLECS SINGLE BEAM FEMALE ASSEMBLY PRE-LOADED		
ANGULAR TOL ± °				DRWN: EEGBEDIRE 2018/10/04					
4 PLACES ±				CHK'D: TTOURISH 2019/04/15					
3 PLACES ±				APPR: DMAHER 2019/04/15					
2 PLACES ±				INITIAL REVISION:			PRODUCT CUSTOMER DRAWING		
1 PLACE ±				DRWN: POB 1990/09/25			DOCUMENT NUMBER		
0 PLACES ±				APPR: JDENNEHY 2005/08/10			SDA-90635		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		90635		MATERIAL NUMBER	
								CUSTOMER	
								SEE CHART	
								GENERAL MARKET	
								SHEET NUMBER	
								2 OF 2	