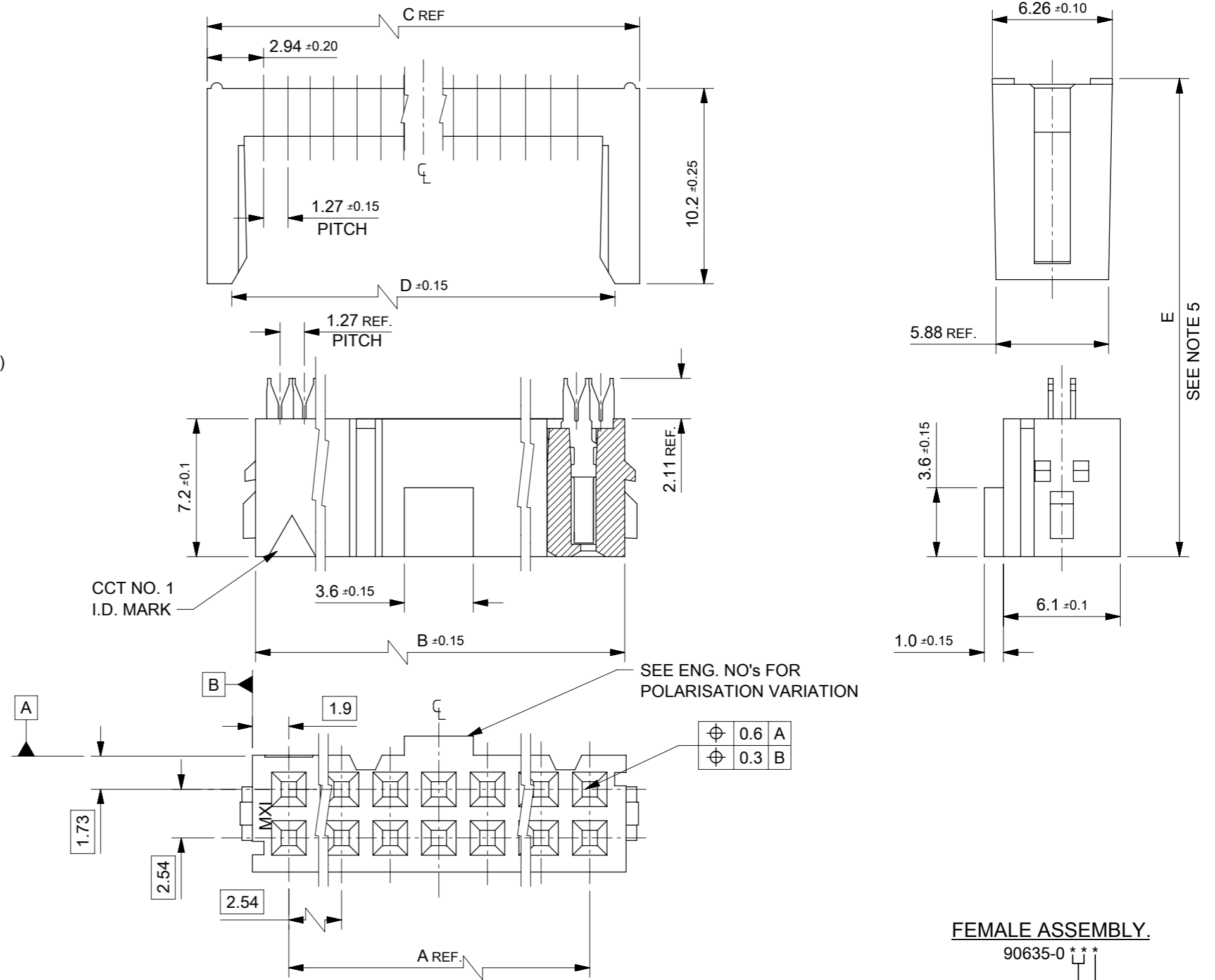


- NOTES: 1. MATERIAL:  
 HOUSING: POLYESTER, G.F. (UL 94V-0), COLOUR - BLACK.  
 TERMINAL: PHOSPHOR BRONZE.
2. TERMINAL PLATING:  
 90635-\*\*\*1: CONTACT AREA: GOLD FLASH 0.1µm MIN.  
 I.D. AREA: TIN 1µm MIN. OVER  
 NICKEL 1µm MIN.  
 90635-\*\*\*2: CONTACT AREA: GOLD 0.76µm MIN.  
 I.D. AREA: TIN 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.

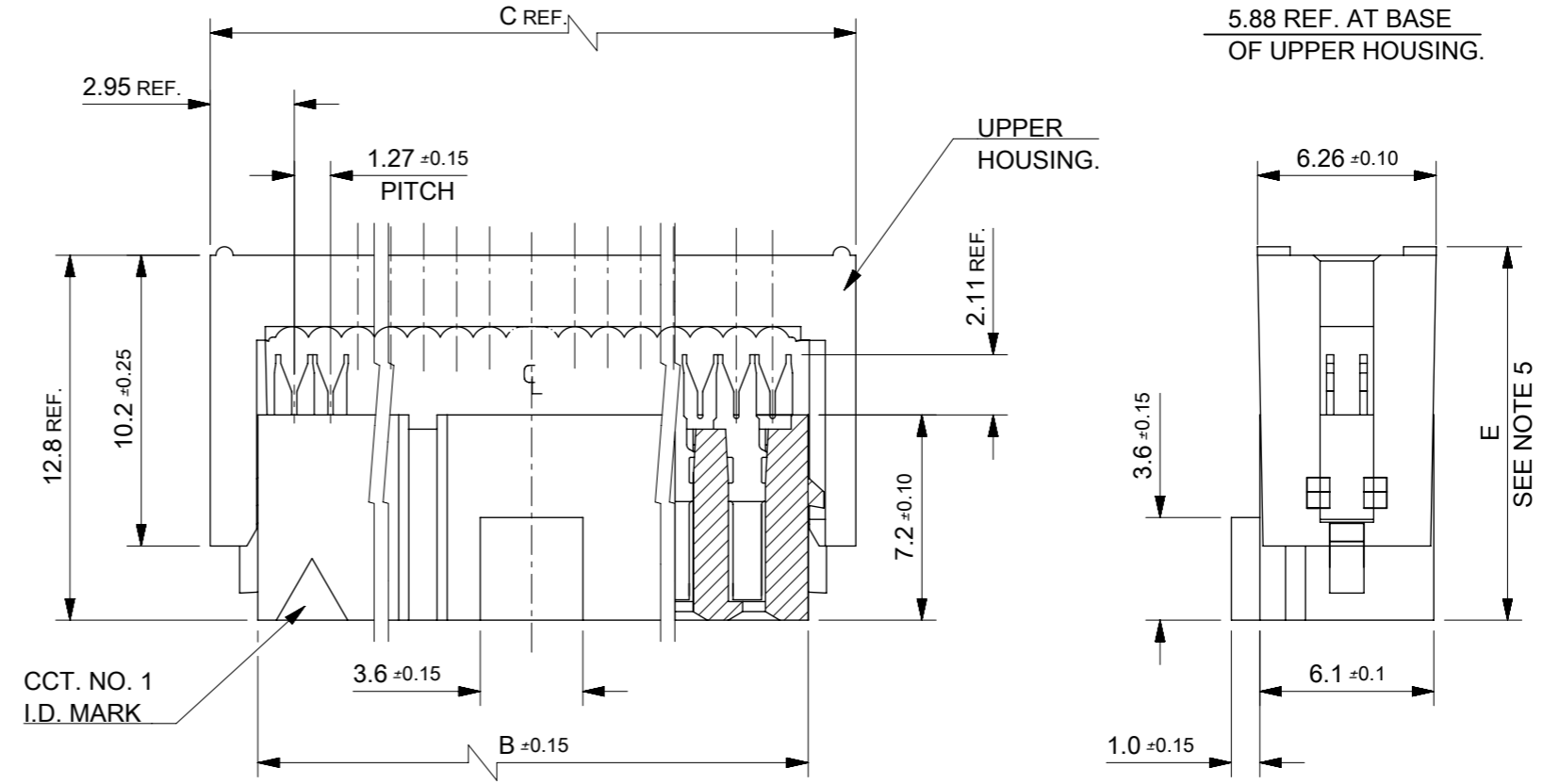
64	90635-064*	78.74	82.54	85.88	83.31
60	90635-060*	73.66	77.46	80.80	78.23
50	90635-050*	60.96	64.76	68.10	65.53
40	90635-040*	48.26	52.06	55.40	52.83
34	90635-034*	40.64	44.44	47.78	45.21
30	90635-030*	35.56	39.36	42.70	40.13
26	90635-026*	30.48	34.28	37.62	35.05
24	90635-024*	27.94	31.74	35.08	32.51
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



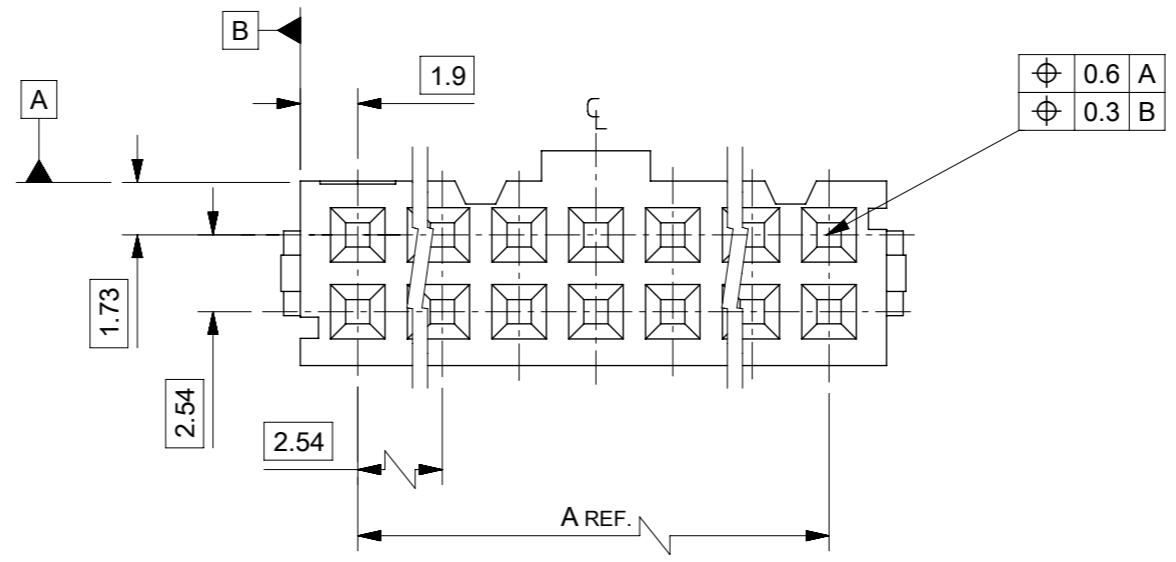
**FEMALE ASSEMBLY.**  
 90635-0\*\*\*  
 PLATING OPTION  
 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CAD MIGRATION		<b>molex</b>	
DIMENSION UNITS	SCALE	EC NO: 605552			
mm	4:1	DRWN: EEGBEDIRE 2018/10/04		QIK FLECS SINGLE BEAM FEMALE ASSEMBLY	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: TTOURISH 2019/04/15		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± °	APPR: DMAHER 2019/04/15		DOCUMENT NUMBER	
4 PLACES	±	INITIAL REVISION:		SDA-90635	
3 PLACES	±	DRWN: POB 1990/09/25		DOC TYPE	DOC PART
2 PLACES	±	APPR: JDENNEHY 2005/08/10		PSD	001
1 PLACE	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REVISION	D
0 PLACES	±	THIRD ANGLE PROJECTION	DRAWING	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	SERIES	SEE CHART	GENERAL MARKET
			90635	SHEET NUMBER	
				1 OF 2	

- 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	90635-164*	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

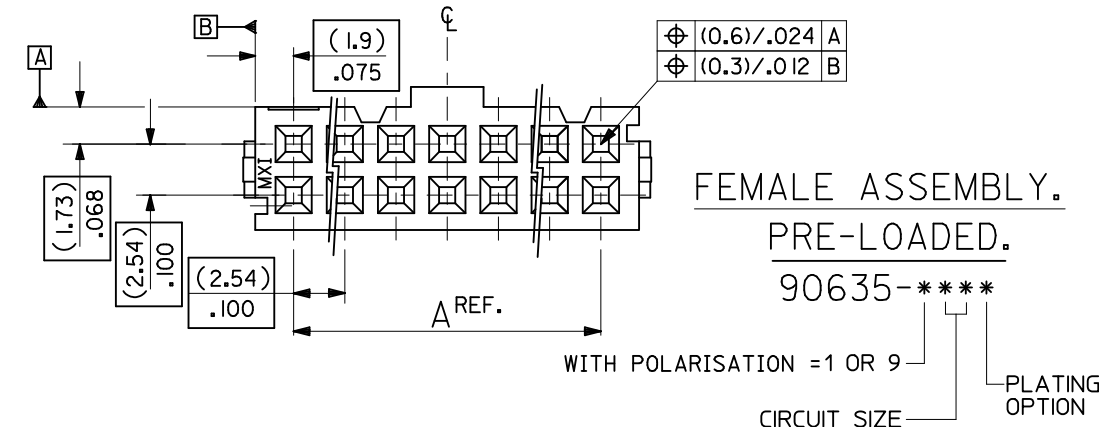
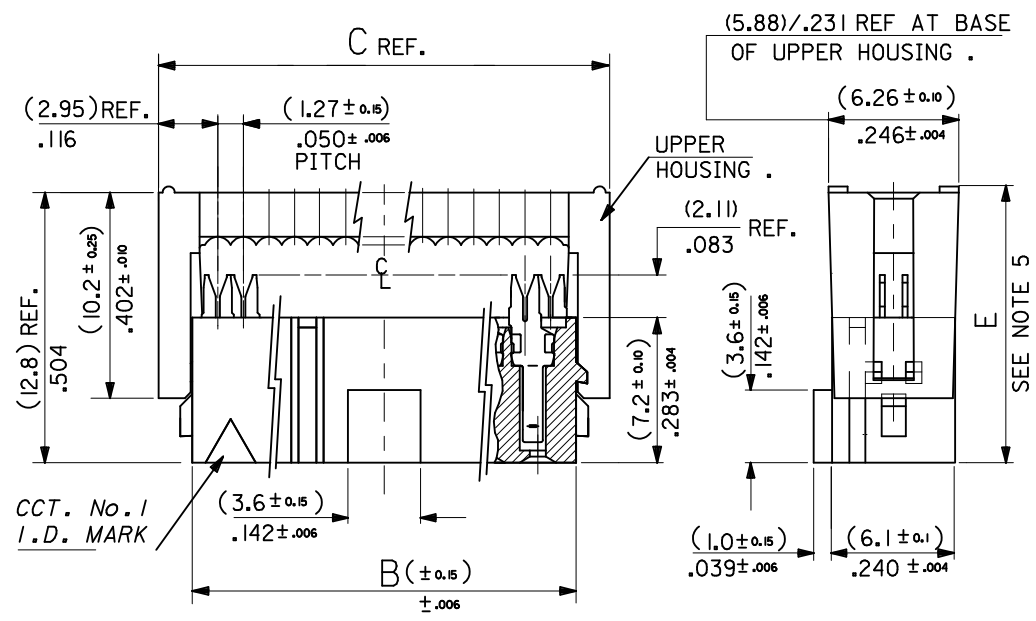


**FEMALE ASSEMBLY.  
 PRE-LOADED.**  
 90635-1\*\*\*  
 PLATING OPTION  
 CIRCUIT SIZE

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

DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>	CURRENT REV DESC: CAD MIGRATION		<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 605552				
ANGULAR TOL ± °		DRWN: EEGBEDIRE	2018/10/04	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		CHK'D: TTOURISH	2019/04/15	DOCUMENT NUMBER		
3 PLACES ±		APPR: DMAHER	2019/04/15	SDA-90635		
2 PLACES ±		INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
1 PLACE ±		DRWN: POB	1990/09/25	PSD	001	D
0 PLACES ±		APPR: JDENNEHY	2005/08/10	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
		A3-SIZE	90635	SEE CHART	GENERAL MARKET	2 OF 2

- NOTES: 1. MATERIAL:  
HOUSING: POLYESTER, G.F. (UL 94V-0), COLOUR - BLACK.  
TERMINAL: PHOSPHOR BRONZE.
2. TERMINAL PLATING:  
90635-\*\*\*1 : CONTACT AREA: GOLD FLASH (0.1um)/ 4uIn MIN.  
I.D. AREA: TIN (lum)/ 39uIn MIN. OVER  
NICKEL (lum)/ 39uIn MIN.  
90635-\*\*\*2 : CONTACT AREA: GOLD (0.76um)/ 30uIn MIN  
I.D. AREA: TIN (lum)/ 39uIn MIN. OVER  
NICKEL (lum)/ 39uIn MIN.  
90635-\*\*\*3 : CONTACT AREA: GOLD (0.38um)/ 15uIn MIN  
I.D. AREA: TIN (lum)/ 39uIn MIN. OVER  
NICKEL (lum)/ 39uIn MIN.  
90635-\*\*\*4 : CONTACT AREA: GOLD (0.5lum)/ 20uIn MIN  
I.D. AREA: TIN (lum)/ 39uIn MIN. OVER  
NICKEL (lum)/ 39uIn MIN.  
20 & 50 CIRCUIT SIZES ONLY.
3. FOR USE WITH No. 26 & 28 AWG STRANDED WIRE (7 CONDUCTORS)  
AND No. 28 SOLID WIRE 1.14/(.045) DIA. MAX. INSULATION RIBBON  
CABLE WITH 1.27/(.050) CENTERS.
4. MATING STRAIN RELIEF: MOLEX No. 90170.
5. DIMENSION "E" IS TOTAL HEIGHT AFTER ASSEMBLED WITH CABLE.  
E = 10.5/(.413) REF. WITHOUT STRAIN RELIEF.  
E = (15.2)/.598 MAX. WITH STRAIN RELIEF No. 90170.  
(14.5)/.571 REF. WHEN COMPRESSED.
6. FOR PRODUCT SPECIFICATION, SEE PS 99020-0015.



64	90635-64*	(78.74) 3.100	(82.54) 3.250	(85.88) 3.381
60	90635-60*	(73.66) 2.900	(77.46) 3.050	(80.80) 3.181
50	90635-50*	(60.96) 2.400	(64.76) 2.55	(68.10) 2.681
40	90635-40*	(48.26)	(52.06)	(55.40)
	90635-9402 (CUSTOMER SPECIFIC)	1.900	2.050	2.181
34	90635-34*	(40.64) 1.600	(44.44) 1.750	(47.78) 1.881
30	90635-30*	(35.56) 1.400	(39.36) 1.550	(42.70) 1.681
26	90635-26*	(30.48) 1.200	(34.28) 1.350	(37.62) 1.481
24	90635-24*	(27.94) 1.100	(31.74) 1.250	(35.08) 1.381
20	90635-20*	(22.86) .900	(26.66) 1.050	(30.00) 1.181
16	90635-16*	(17.78) .700	(21.58) .850	(24.92) .981
14	90635-14*	(15.24) .600	(19.04) .750	(22.38) .881
10	90635-10*	(10.16) .400	(13.96) .550	(17.30) .681
NO. OF CKT.	ENG. NO.	A	B	C

REMOVED OPTION EC NO: E2007-0495 DRW: DBYRMS 2006/12/06 CHKD: 2006/12/07 APPR: EOMAHONY 2006/12/07	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH	DRAWN BY POB	DATE 1990/09/25	TITLE QIK FLECS SINGLE BEAM FEMALE ASSEMBLY, PRE-LOADED		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	ANGULAR ± ---°	CHECKED BY JDENNEHY	DATE 2005/08/10	MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	APPROVED BY JDENNEHY	DATE 2005/08/10	MATERIAL NO. SDA-90635	SHEET NO. 2 OF 3
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			