NOTES: 1. MATERIAL:
HOUSING: POLYESTER, G.F. (UL 94V-0), COLOUR - BLACK.
TERMINAL: PHOSPHOR BRONZE.

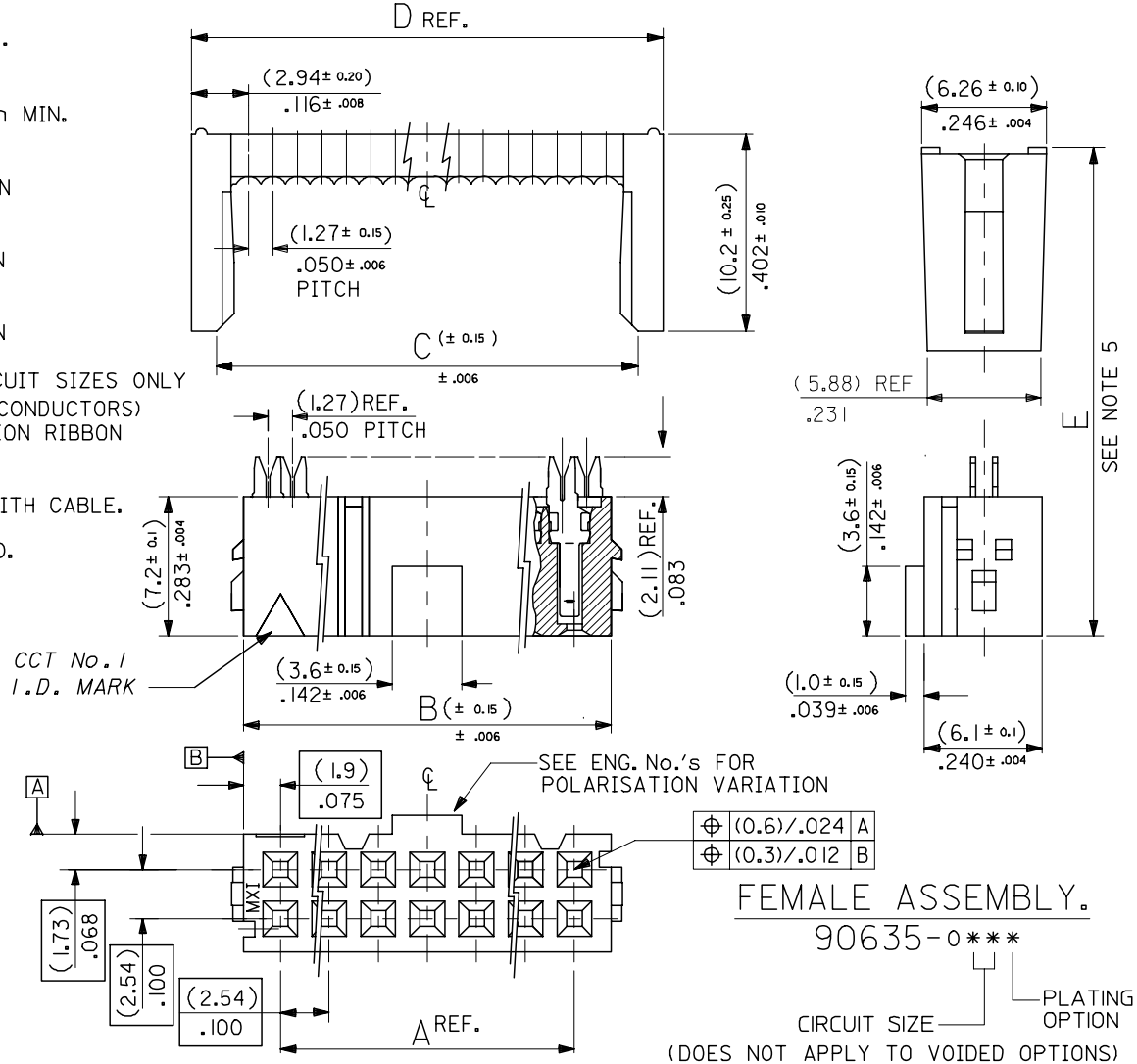
2. TERMINAL PLATING:
90635-***1 : CONTACT AREA: GOLD FLASH (0.1um)/ 4uin MIN.
I.D. AREA: TIN (1um)/ 39uin MIN. OVER
NICKEL (1um)/ 39uin MIN.
90635-***2 :CONTACT AREA: GOLD (0.76um)/ 30uin MIN
I.D. AREA: TIN (1um)/ 39uin MIN. OVER
NICKEL (1um)/ 39uin MIN.
90635-***3 :CONTACT AREA: GOLD (0.38um)/ 15uin MIN
I.D. AREA: TIN (1um)/ 39uin MIN. OVER
NICKEL (1um)/ 39uin MIN.
90635-***4 :CONTACT AREA: GOLD (0.51um)/ 20uin MIN
I.D. AREA: TIN (1um)/ 39uin MIN. OVER
NICKEL (1um)/ 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.




| NO. OF CKT. | ENG. NO. | A | B | C | D REF. |
|---|---|---|---|---|---|
| 64 | 90635-*64* | (78.74) 3.100 | (82.54) 3.250 | (83.31) 3.280 | (85.88) 3.381 |
| 60 | 90635-*60* | (73.66) 2.900 | (77.46) 3.050 | (78.23) 3.080 | (80.80) 3.181 |
| 50 | 90635-*50* | (60.96) 2.400 | (64.76) 2.55 | (65.53) 2.580 | (68.10) 2.681 |
| 40 | 90635-*40* | (48.26) 1.900 | (52.06) 2.050 | (52.83) 2.080 | (55.40) 2.181 |
| 34 | 90635-*34* | (40.64) 1.600 | (44.44) 1.750 | (45.21) 1.780 | (47.78) 1.881 |
| 30 | 90635-*30* | (35.56) 1.400 | (39.36) 1.550 | (40.13) 1.580 | (42.70) 1.681 |
| 26 | 90635-*26* | (30.48) 1.200 | (34.28) 1.350 | (35.05) 1.380 | (37.62) 1.481 |
| 24 | 90635-*24* | (27.94) 1.100 | (31.74) 1.250 | (32.51) 1.280 | (35.08) 1.381 |
| 20 | 90635-*20* | (22.86) .900 | (26.66) 1.050 | (27.43) 1.080 | (30.00) 1.181 |
| 16 | 90635-*16* | (17.78) .700 | (21.58) .850 | (22.35) .880 | (24.92) .981 |
| 14 | 90635-*14* | (15.24) .600 | (19.04) .750 | (19.81) .780 | (22.38) .881 |
| 10 | 90635-*10* | (10.16) .400 | (13.96) .550 | (14.73) .580 | (17.30) .681 |

REMOVED POLARISATION EC NO: E2007-0495 2006/12/06
DRWN:DBYRNES 2006/12/07
CHKD: 2006/12/07
APPR:EOMAHONY 2006/12/07
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: POB DATE: 1990/09/25
CHECKED BY: JDENNEHY DATE: 2005/08/10
APPROVED BY: JDENNEHY DATE: 2005/08/10
MATERIAL NO.: SEE CHART

TITLE: QIK FLECS SINGLE BEAM FEMALE ASSEMBLY

molex MOLEX INCORPORATED

DOCUMENT NO.: SDA-90635
SHEET NO.: 1 OF 3

SIZE A3

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