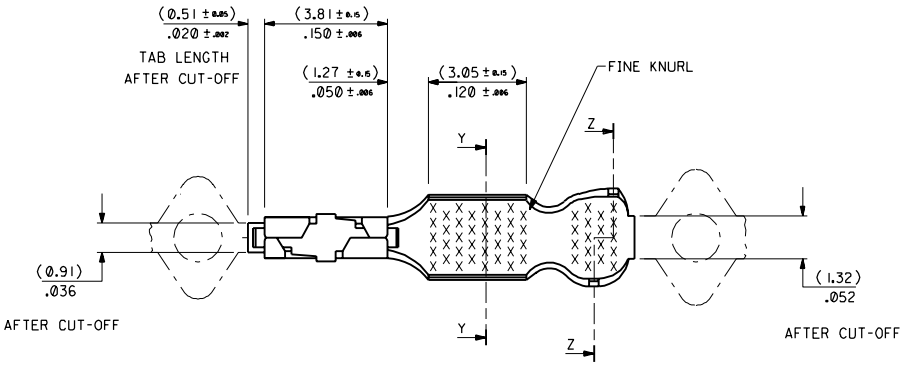
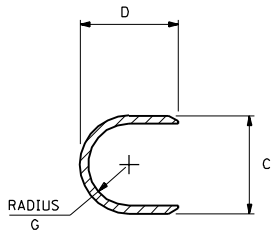
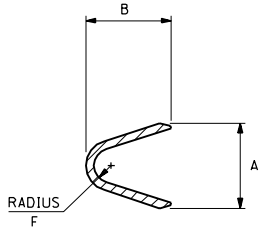
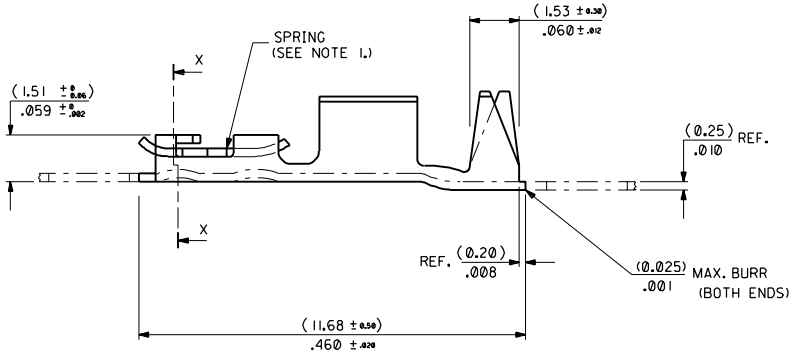




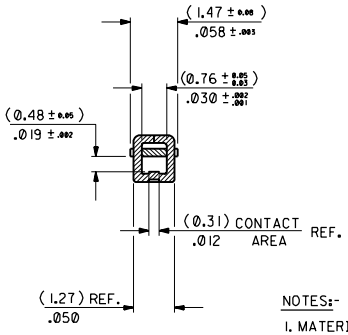
SECTION Z-Z
INSULATION BARREL



SECTION Y-Y
WIRE BARREL



CUT-OFF LENGTH



SECTION X-X

WIRE RANGE (AWG)	DIMn A ±(0.15) .006	DIMn B ±(0.15) .006	DIMn F ±(0.15) .006	INSULATION DIA RANGE	DIMn C ±(0.25) .010	DIMn D ±(0.20) .008	DIMn G ±(0.15) .006
28-32	(1.37)/.054	(1.47)/.058	(0.28)/.011	(0.71-1.37) .028-.054	(2.92)/.115	(2.67)/.105	(1.02)/.040
22-26	(1.78)/.070	(1.78)/.070	(0.43)/.017	(0.91-2.62) .036-.103	(3.53)/.139	(3.05)/.120	(1.27)/.050
18-20	(2.64)/.104	(2.64)/.104	(0.53)/.021	(1.07-2.62) .042-.103	(3.53)/.139	(3.05)/.120	(1.27)/.050
33 *	(1.37)/.054	(1.17)/.046	(0.25)/.010	(0.4) MAX .016 MAX	(1.70)/.067	(1.55)/.061	(0.51)/.020
2 X 30 *	(1.78)/.070	(1.78)/.070	(0.43)/.017	(0.6) MAX .024 MAX	(3.53)/.139	(3.05)/.120	(1.27)/.050

* = SOLID WIRE

NOTES:-

1. MATERIAL-
   TERMINAL- BRASS (70/30)CDA 260
   SPRING - BERYLLIUM COPPER
2. FOR DIMENSIONS A,B,C,D,F & G SEE SUBSEQUENT SHEETS.
3. FOR WIRE SIZE & INSULATION DIA SEE SUBSEQUENT SHEETS.
4. THIS TERMINAL TO MATE WITH (0.635±0.05)/.025±.002 SQUARE PIN.
5. TERMINAL IS LUBRICATED.

SH.	REV.
3	K
2	K
1	K

REVISE ONLY ON CAD SYSTEM

FOR PREVIOUS DRAWING ISSUES SEE MRI.

PLATING MOD. ECN E90113 12-7-89 PMN

REVISIONS

LTR	
K	

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 5

	INCH	(METRIC)
3 PLACE	± .005	---
2 PLACE	± .---	± 0.13
1 PLACE	---	± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION ☒ (MM) ☐ IN. (PRIMARY)
EQUIVALENT DIMENSION ☐ (MM) ☒ IN. (SECONDARY)

DRWG BY: DB
CHK'D BY:
APP'D BY:
SCALE: 10:1

CADCAM FILENAME 5490180X1 DGN

TITLE
HP I
CRIMP TERMINAL

MOLEX EUROPE

SHEET NO. 10F3
DATE 20/ 7/87

PART NO. SEE CHART
DWG NO. SDA-90100
SIZE C

PART NO. SEE CHART
DWG NO. SDA-90100

7133-1283

PART NO. SEE CHART
DWG. NO. SDA-90100

PART No	WIRE RANGE (AWG)	TERMINAL PLATING TYPE	SPRING THICKNESS	SPRING PLATING TYPE	PACKAGING
90100-0007	28-32	1	(0.13) .005	5	ON REEL
-0008	22-26				
-0009	18-20				
-0011	22-26	2	(0.13) .005	5	
-0020	22-26	1	(0.165) .0065	5	
-0050	28-32	10	(0.13) .005	6	
-0051	22-26				
-0052	18-20				
-1050	28-32	10	(0.13) .005	6	LOOSE
-1051	22-26				
90100-1052	18-20				

	TYPE	PLATING DESCRIPTION
TERMINAL BODY	1	(1.3um)/.000050 NICKEL MIN OVERALL WITH (1um)/.000040 GOLD MIN (23.0 CARAT 99.4% PURE) IN CONTACT AREA WITH (0.8um)/.000030 GOLD MIN ON REMAINDER OF PART
	2	(1.3um)/.000050 NICKEL MIN OVERALL WITH (1.9um)/.000075 GOLD MIN (23.0 CARAT 99.4% PURE) IN CONTACT AREA WITH (0.8um)/.000030 GOLD MIN ON REMAINDER OF PART
	10	(1.3um)/.000050 NICKEL MIN OVERALL WITH (0.76um)/.000030 GOLD MIN (23.0 CARAT 99.4% PURE) IN CONTACT AREA WITH (0.2um)/.000008 GOLD MIN ON REMAINDER OF PART
TERMINAL SPRING	5	(1.3um)/.000050 NICKEL MIN WITH (0.8um)/.000030 GOLD MIN OVERALL
	6	(1.3um)/.000050 NICKEL MIN WITH (0.5um)/.000020 GOLD MIN OVERALL

STANDARD PARTS

FOR PREVIOUS DRAWING ISSUES SEE MRI.

LTR	REVISIONS
K	SEE SHEET 1.

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± ½°

	INCH	(METRIC)
3 PLACE	± .---	
2 PLACE	± .---	± ---
1 PLACE		± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☒ (MM) ☐ IN.
EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☒ IN.

DRWG BY: DB
CHK'D BY:
APP'D BY:
SCALE:

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM FILENAME SA90100X2 DGN

TITLE: HP I CRIMP TERMINAL

molex MOLEX EUROPE | SHEET NO. 20F | DATE 20/ 7/87

PART NO. SEE CHART | DWG NO. SDA-90100 | SIZE B

7132-1283