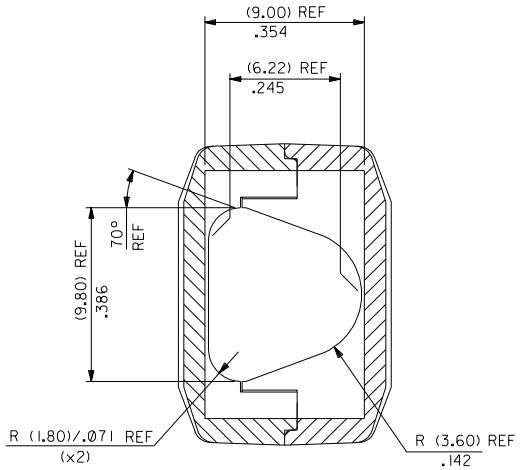
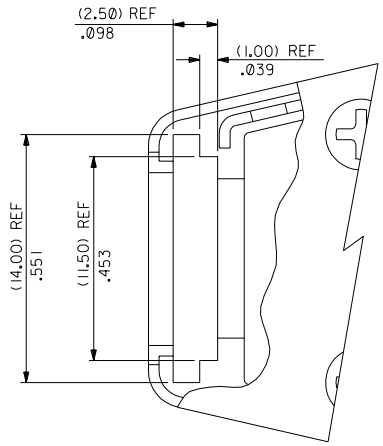




RECESS FOR CABLE STRAIN RELIEF GROMMET

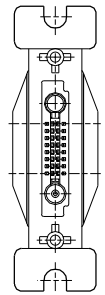
(SCALE 5:1) SEE NOTE 5

KIT No.	RF CORING CONFIG CORE 'A'	CORE 'B'	
90812-0001	VOID	RF	SEE NOTE 6
90812-0002	RF	VOID	SEE NOTE 6
90812-0003	RF	RF	SEE NOTE 6
90812-0004	VOID	VOID	
90812-0005	RF	RF	SEE NOTE 6

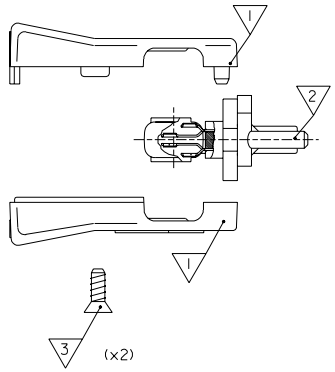
BILL OF MATERIALS

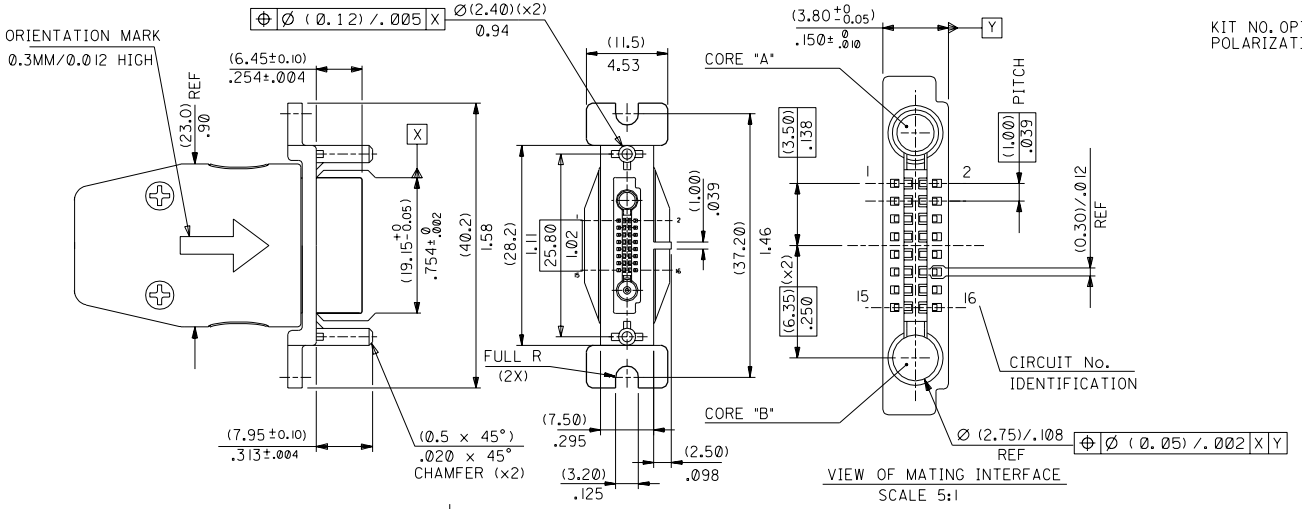
NO.	DESCRIPTION
1	UPPER SHELL LOWER SHELL
2	16 CIRCUIT I/O MOBILE PHONE CRADLE CONNECTOR
3	SCREWS : SELF TAPPING

PART NO. SEE CHART
DWG NO. SDA-90812



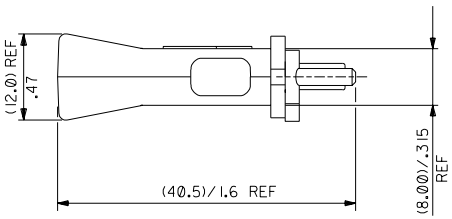
KIT NO. OPTION 90812-0005 WITH POLARIZATION FEATURE REMOVED

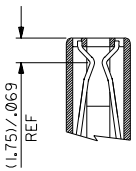




VIEW OF MATING INTERFACE

SCALE 5:1





PARTIAL VIEW OF CONTACTS

SCALE 5:1

NOTES:

1. MATERIALS:

   SHELLS : 30% GLASS FILLED POLYESTER (UL94V-0, COLOUR: BLACK)
   CRADLE HOUSING : 50% GLASS FILLED NYLON 4/6 (COLOUR: BLACK).
   SIGNAL CONTACTS: BERYLLIUM COPPER (0.25MM)/.009 THICK REF.
   PLATING, (0.10um)/.004uin MIN GOLD FLASH, ON (1.0um)/.039uin MIN PALLIDUM NICKEL, WITH (1.27um)/.050uin MIN NICKEL UNDERPLATE, (3-5um)/.118-.197uin MIN TIN IN THE SOLDER CUP AREA .

2. MATES WITH SERIES 90811 HANDSET CONNECTOR.
3. COMPONENTS TO BE PACKED IN BOX FOR 200 CONNECTORS
   ITEM 2 TO BE PACKAGED IN TUBES
   OTHER COMPONENTS TO BE PACKAGED IN PLASTIC BAGS.
   SEE PACKING SPECIFICATION
4. SEE PRODUCT SPECIFICATION No. PS-99020-0033
5. FOR ASSEMBLY SEE APPLICATION SPECIFICATION ES-99041-0001 .
6. FOR RF COAX INSERT USE MOLEX 90853-0001 SUPPLIED SEPARATELY

FOR PREVIOUS DRAWING ISSUES SEE MRI.

LTR	REVISIONS	DC
B	REMOVE LEAD FROM PLATING ECN E2004-0574	04/02/25

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

	INCH	(METRIC)
3 PLACE	± .008	
2 PLACE	± .004	± 0.05
1 PLACE		± 0.10

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

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

DRWG BY: HDU
CHK'D BY:
APP'D BY:
SCALE: 2:1

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM FILENAME: 5908 I2X3 DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE: SYSTEM CONNECTOR CRADLE KIT

molex MOLEX EUROPE

SHEET NO. 10F 1 | DATE 93/11/25

PART NO. SEE CHART | DWG NO. SDA-90812 | SIZE C

7133-1283