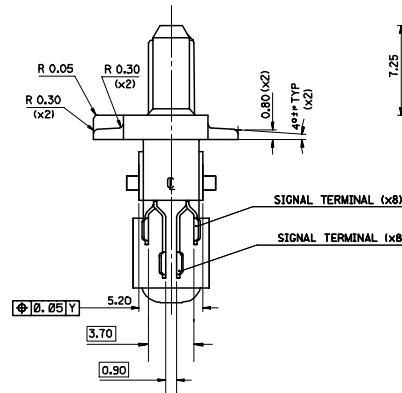
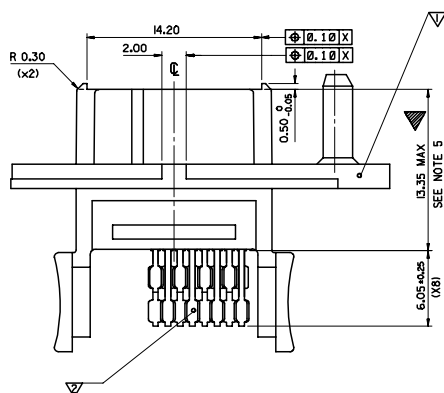
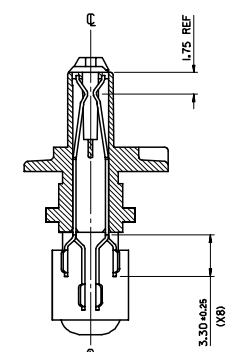
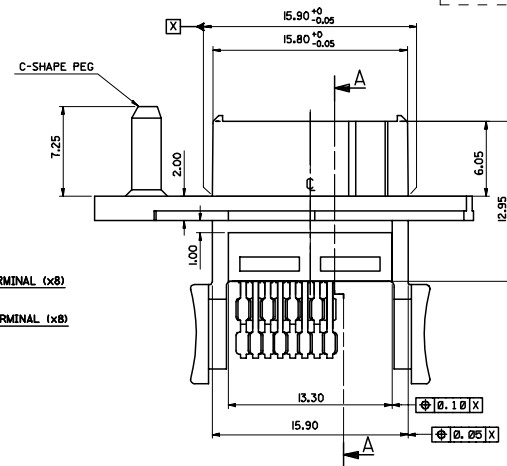


91229-1006
91229-1007



PARTIAL VIEW
FRONT BUTTON OMITTED FOR CLARITY



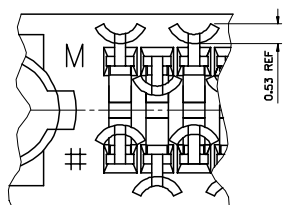
A-A

NOTES:

1. CIRCUIT NUMBERS IDENTIFIED FOR MEASUREMENT PURPOSES
2. 0.25° DRAFT ANGLE ALLOWED ON ALL FACES
UNLESS OTHERWISE STATED
3. UNSPECIFIED RADII TO BE 0.20mm MAX
4. MOLEX I.D. AND CAVITY NO. LO HIGH, RAISED 0.1 WHERE SHOWN
5. SEE PRODUCT SPECIFICATION NO. PS-99020-0086
6. RF KIT NO. 90853-000L SEE SDA-90853,

ASSEMBLY NO.	HOUSING PART NO.	RF CORING CONFIG	C-SHAPE PEG	INCLUDING RF KIT	
91229-1004	91229-0001	RF	YES	YES	SEE NOTE 6
91229-1005	91229-0002	VOID	YES	NO	
91229-1006	91229-0003	VOID	NO	NO	
91229-1007	91229-0003	RF	NO	YES	SEE NOTE 6

COMPONENT		DESCRIPTION
1	HOUSING	POLYAMIDE (PA46) 45% GLASS FILL, UL94
2	SIGNALS	MATERIAL: 0.25mm PHOSPHOR BRONZE PLATING: 0.10um MIN. GOLD FLASH ON 1.0um MIN. PALLADIUM NICKEL, WITH 1.27-2.50um NICKEL UNDERPLATE 3-5um TIN MIN. IN SOLDER CUP AREA
3	RF KIT	CENTRE PIN DIELECTRIC INNER FERRULE OUTER FERRULE SHIELD

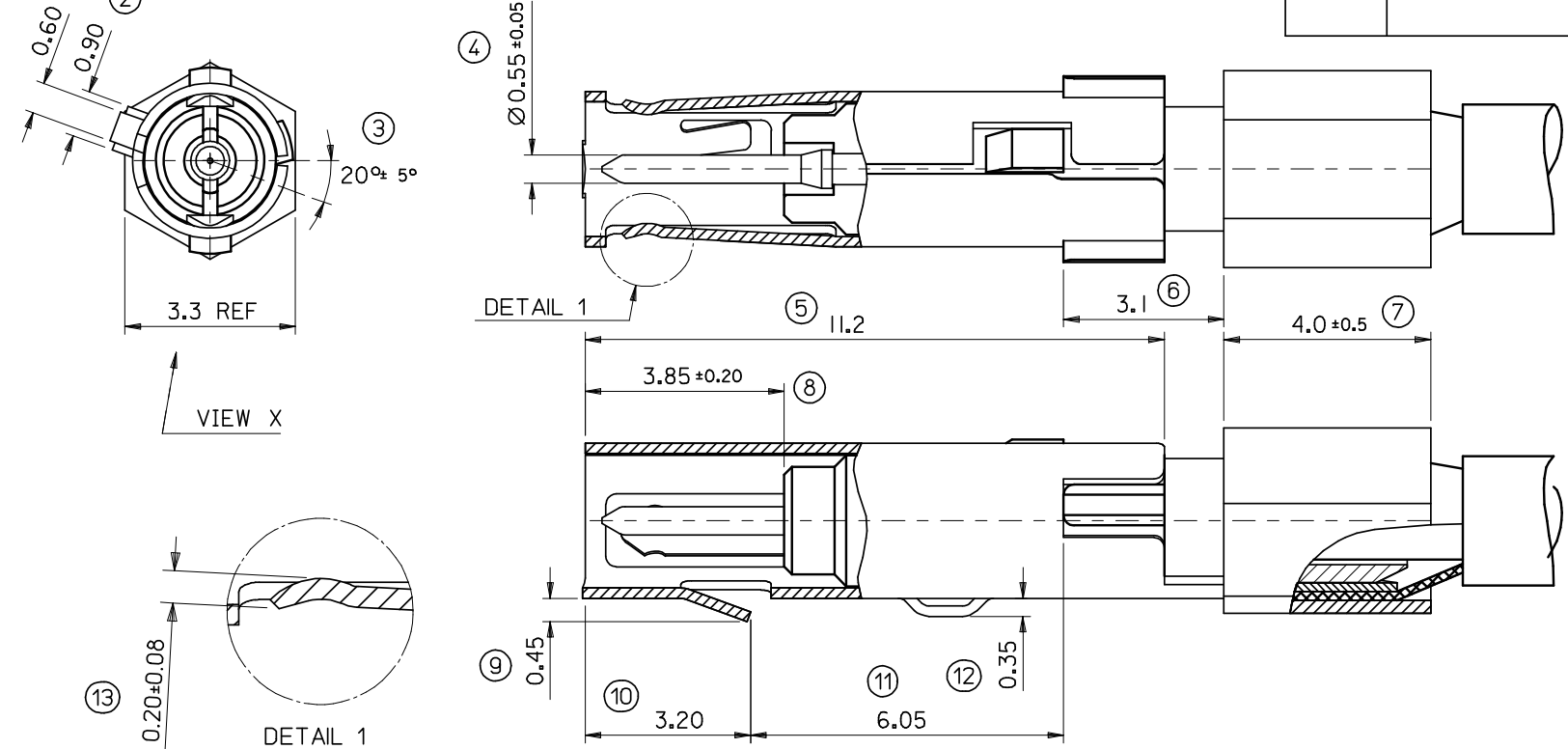
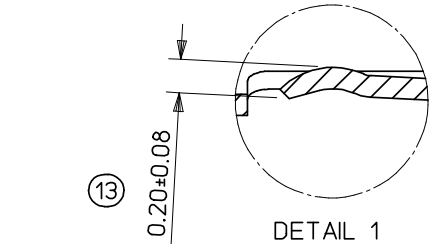
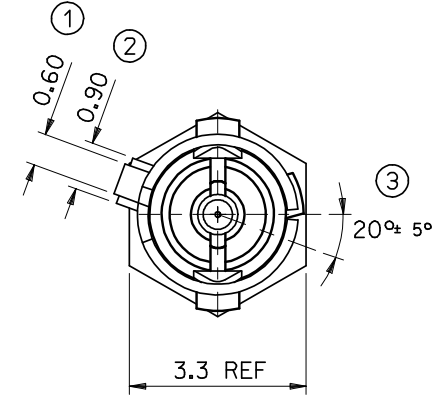
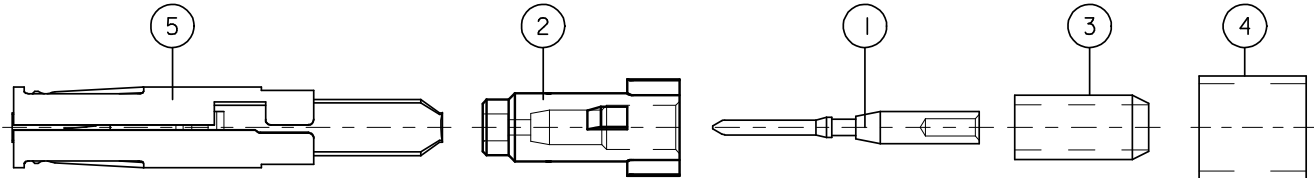


SOLDER CUP DETAIL
SCALE 15:1

MODIFY MATERIAL EC NO: E2005-0361 EC NO: E2005-0361 CHG NO: 2005-08-10 APPROVAL: 2005-08-10 2005-08-10	QUALITY SYMBOL ▽=2 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	FIRST ANGLE PROJECTION
		mm INCH	DRAWN BY CT08IN	DATE 09/06/09	TITLE SYSTEM CONNECTOR CRADLE HOUSING SUB ASSEMBLY		
		4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.10 ± ---	CHECKED BY DUGGAN	DATE 09/06/09			
		ANGULAR ± 2°	APPROVED BY EFOLAN	DATE 09/06/09	MOLEX MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-91229-001	SHEET NO. 1 OF 1		
NEW		SIZE A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PARTS LIST		
ITEM	DESCRIPTION	MATERIAL/FINISH
1	CENTRE PIN	BRASS, Au OVER Ni
2	DIELECTRIC	PC
3	INNER FERRULE	BRASS, Sn OVER Cu
4	OUTER FERRULE	BRASS, Sn OVER Cu
5	SHIELD	PHOSPHOR BRONZE, Ni UNDERPLATE ALLOVER, Au FLASH OVER PdNi IN THE CONTACT ZONE, Sn IN THE CRIMP ZONE

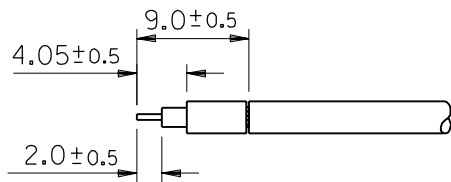
APPLICATION INFORMATION



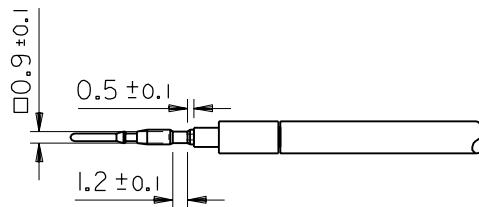
NOTES:
1. PARTS ARE SUPPLIED BULK PACKAGED.
2. SEE SHEET 2 FOR ASSEMBLY INSTRUCTIONS.
LAST INSPECTION No: 13

ADDED DETAIL 1 EC NO: E2008-0262 DRWN:DCARTON 2008/03/20 CHKD: 2008/03/20 APPR:BMAGUIRE 2008/03/20 		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY FM		DATE 1997/04/09	RF PLUG KIT FOR RG174 CABLE				
				4 PLACES	± ---	± ---	CHECKED BY EF		DATE 1997/04/09					
				3 PLACES	± ---	± ---	APPROVED BY MW		DATE 1997/04/09	MOLEX INCORPORATED				
				2 PLACES	± 0.10	± ---	MATERIAL NO. 90853 0001		DOCUMENT NO. SDA-90853					
				1 PLACE	± 0.20	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
				ANGULAR ± 2 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														

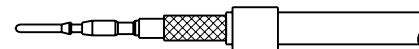
E



1. STRIP CO-AX CABLE. DO NOT REMOVE JACKET.



2. ASSEMBLE PIN TO BE FLUSH WITH THE CO-AX DIELECTRIC. CRIMP PIN TO CENTRE CONDUCTOR TO THE 0.9 DIMENSION SHOWN.



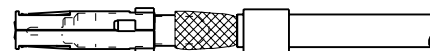
3. SLIDE OUTER FERRULE OVER PIN AND CABLE, THEN REMOVE JACKET.



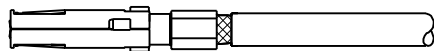
4. SLIDE INNER FERRULE OVER PIN AND UNDER BRAID.



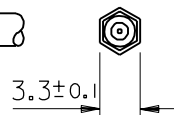
5. SLIDE DIELECTRIC OVER PIN UNTIL IT LATCHES INTO POSITION.



6. SLIDE SHELL OVER DIELECTRIC UNTIL IT LATCHES INTO POSITION.



7. SLIDE OUTER FERRULE INTO POSITION AND CRIMP ONTO THE CABLE.



FOR PREVIOUS DRAWING ISSUES SEE MRI.

A I SEE SHEET 1.

REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm \frac{1}{2}$	
INCH (METRIC)	
3 PLACE $\pm$	.
2 PLACE $\pm$	.
1 PLACE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DESIGN DIMENSION (PRIMARY)	☒ (MM) ☐ IN.
EQUIVALENT DIMENSION (SECONDARY)	☐ (MM) ☐ IN.

DRWG BY

FM

CHK'D BY

APP'D BY

SCALE

2:1

REVISE ONLY ON CAD SYSTEM

SH. REV.

CAD/CAM FILENAME
S90853X2
DGN

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

TITLE
RF PLUG KIT
TERMINATION INSTRUCTIONS
FOR RG174 CABLE



MOLEX EUROPE

SHEET NO.
20F

DATE
97/04/09

PART NO.
90853-0001

DWG NO.
SDA-90853

SIZE
A

E

D

C

B

A

7

6

5

4

3

2

1