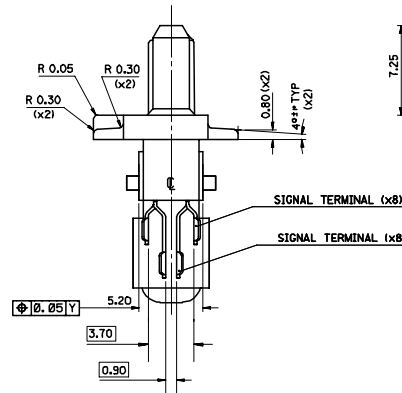
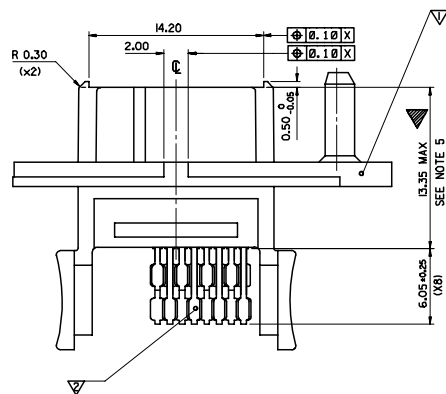
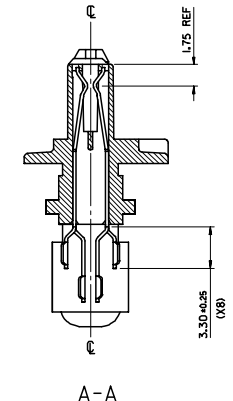
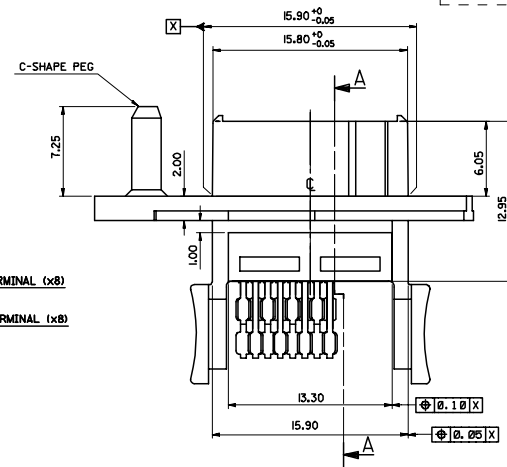


91229-1006
91229-1007



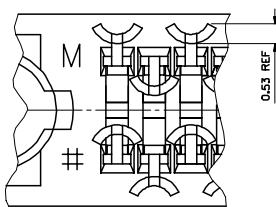
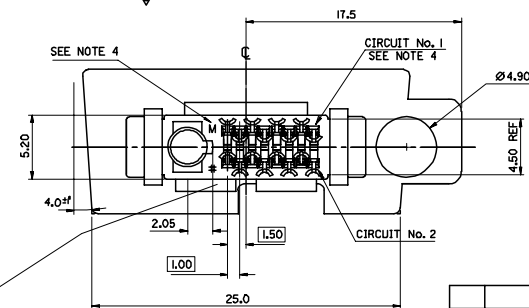
PARTIAL VIEW
FRONT BUTTON OMMITTED FOR CLARITY



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. 90853-0001. 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	91229-0000	RF	NO	YES	SEE NOTE 6



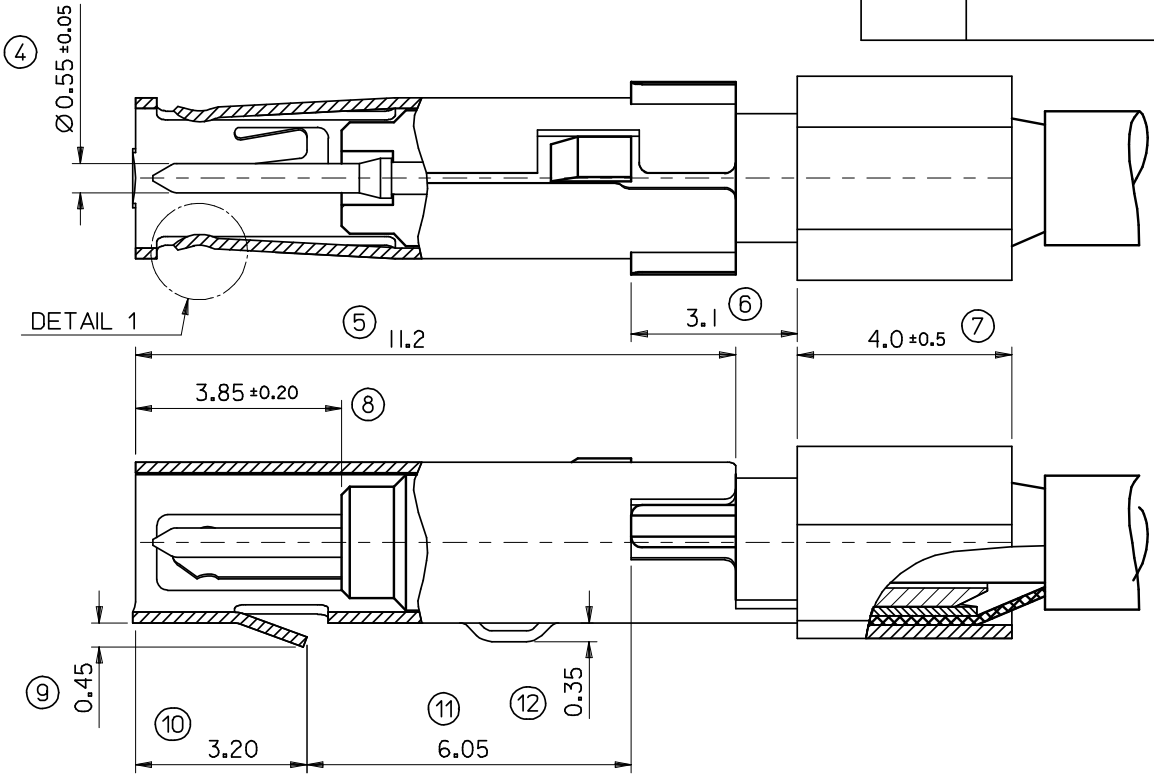
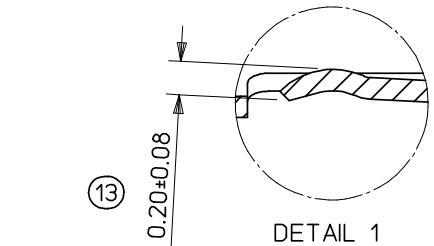
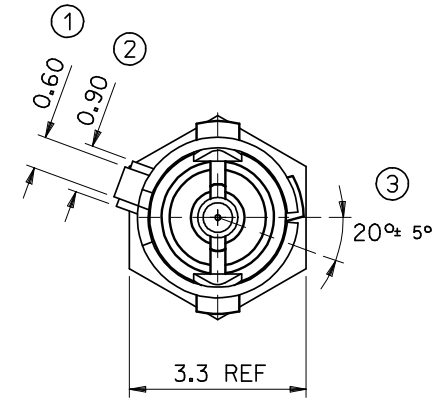
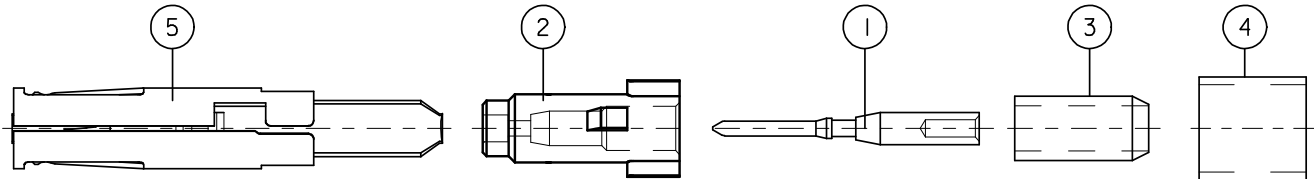
SOLDER CUP DETAIL
SCALE 15:1

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 BRASS, PLATING: Sn OVER NICKEL PC BRASS, PLATING: Sn OVER NICKEL BRASS, PLATING: Sn OVER NICKEL PHOSPHOR BRONZE, PLATING NICKEL UNDERPLATE ALLOY, AU FLASH OVER PALLADIUM NICKEL IN THE CONTACT AREA, TIN IN THE CRIMP ZONE

MODIFY MATERIAL EC NO: E2005-0361 EC NO: 2005-02102 CHG NO: 2005-08-100 APPROVAL: 2005-08-129	QUALITY SYMBOL ▽=2 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	FIRST ANGLE PROJECTION															
		<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>+---</td><td>+---</td></tr><tr><td>3 PLACES</td><td>+0.05</td><td>+---</td></tr><tr><td>2 PLACES</td><td>+0.05</td><td>+---</td></tr><tr><td>1 PLACE</td><td>+0.10</td><td>+---</td></tr></table>		mm	INCH	4 PLACES	+---	+---	3 PLACES	+0.05	+---	2 PLACES	+0.05	+---	1 PLACE	+0.10	+---	DRAWN BY CT0BIN DATE 09/06/09	TITLE SYSTEM CONNECTOR CRADLE HOUSING SUB ASSEMBLY	MOLEX INCORPORATED SHEET NO. SD-91229-001 1 OF 1		
		mm	INCH																			
	4 PLACES	+---	+---																			
	3 PLACES	+0.05	+---																			
2 PLACES	+0.05	+---																				
1 PLACE	+0.10	+---																				
	ANGULAR ± 2°	CHECKED BY DUGGAN DATE 09/06/09	APPROVED BY EFOLAN DATE 09/06/09																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-91229-001																			
	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

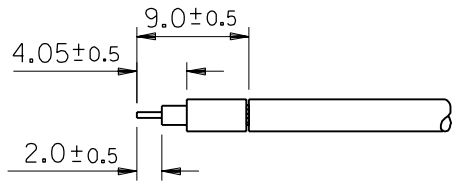
APPLICATION INFORMATION



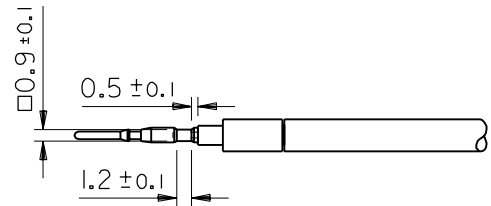
NOTES:
1. PARTS ARE SUPPLIED BULK PACKAGED.
2. SEE SHEET 2 FOR ASSEMBLY INSTRUCTIONS.
LAST INSPECTION No: 13

ADDED DETAIL 1 EC NO: E2008-0262 DRWN:DCARTON CHKD: APPR:BMAGUIRE REV		2008/03/20 2008/03/20 2008/03/20		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
						=0				MM ONLY		10:1		METRIC					
								mm		INCH		DRAWN BY		DATE		RF PLUG KIT FOR RG174 CABLE		MOLEX INCORPORATED	
						4 PLACES ± ---		± ---		FM		1997/04/09							
						3 PLACES ± ---		± ---		CHECKED BY		DATE							
						2 PLACES ± 0.10		± ---		EF		1997/04/09							
						1 PLACE ± 0.20		± ---		APPROVED BY		DATE							
								ANGULAR ± 2 °		MW		1997/04/09		molex					
												MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
												90853 0001		SDA-90853		1 OF 2			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

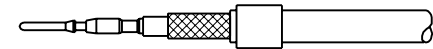
E



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



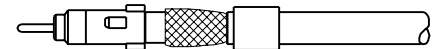
2. ASSEMBLE PIN TO BE FLUSH WITH THE CO-AX DIELECTRIC. CRIMP PIN TO CENTRE CONDUCTOR TO THE 0.9 DIMENSION SHOWN.



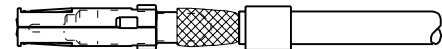
3. SLIDE OUTER FERRULE OVER PIN AND CABLE, THEN REMOVE JACKET.



4. SLIDE INNER FERRULE OVER PIN AND UNDER BRAID.



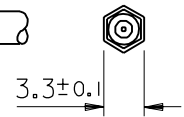
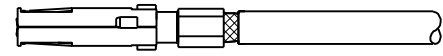
5. SLIDE DIELECTRIC OVER PIN UNTIL IT LATCHES INTO POSITION.



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

C

B



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

A

FOR PREVIOUS DRAWING ISSUES SEE MRI.

AI 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