

MATERIAL AND FINISHES:

BODY: BRASS,
PLATED TRI-M

REAR BODY, CABLE CLAMP: BRASS,
PLATED NICKEL

CONTACT: PHOSPHOR BRONZE
PLATED SILVER

INSULATOR: TEFLON

O_RING: SILICONE RUBBER

DUST CAP: PE

COMPATIBLE COAXIAL CABLE:
1/2"FLXIBLE CABLE

PERFORMANCE REQUIREMENTS :

FREQUENCY RANGE: DC-3000 MHz

IMPEDANCE: 50 OHMS

WITHSTAND VOLTAGE: 2000V/AC@0.5mA

RETURN LOSS: $\leq -32\text{dB}$ @0~1GHz

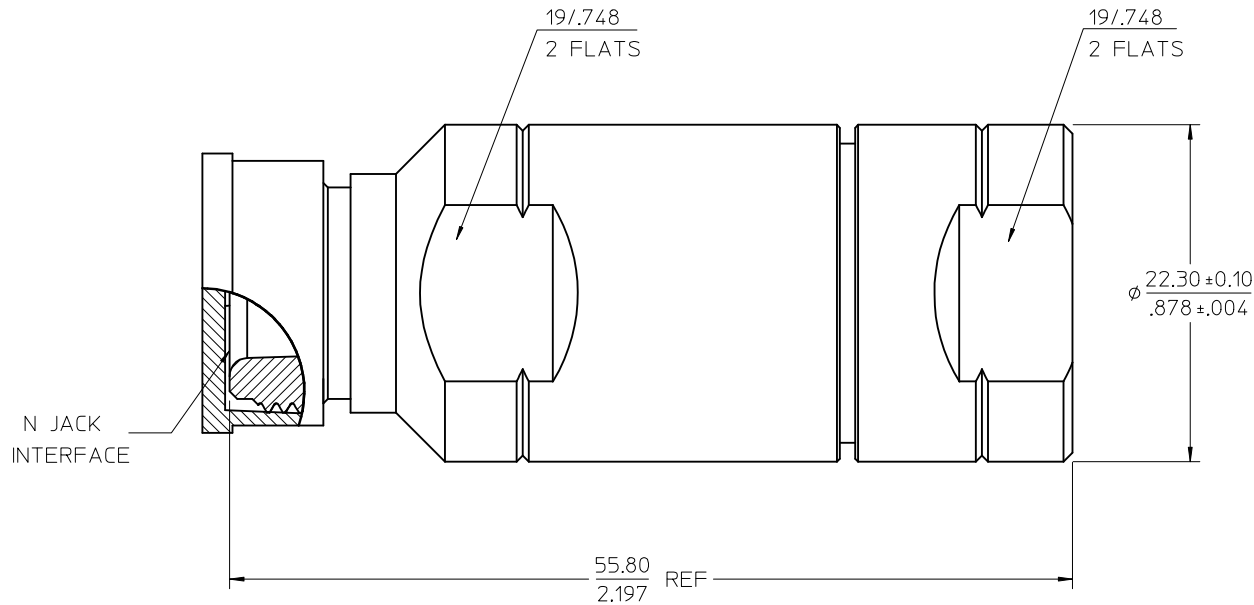
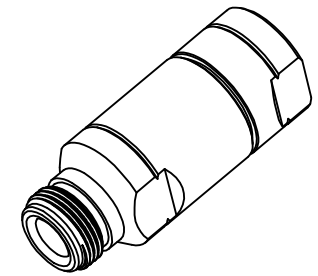
$\leq -30\text{dB}$ @1~2.2GHz

$\leq -26\text{dB}$ @2.2~3GHz

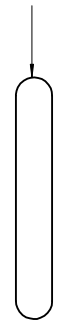
PIM3 (2x43dBm): $\leq -145\text{dBm}$ @900MHz AND 1800MHz

PIM7 (2x43dBm): $\leq -145\text{dBm}$ @2100MHz

WATER-PROOF: IP68 WHEN MATED



O_RING



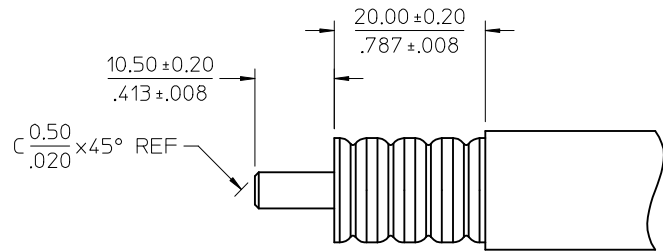
73141-1082	BOX/89797-0410
73141-1081	BOX/89797-0530
73141-1080	BLANK
PART NO.	PACKING

CHG: ADD PRODUCT SPEC. EC NO: URF2015-0677 DRW:MXU11 2015/06/01 CHKD: APPR:MYE08 2015/06/01 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	METRIC	◎	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	N JACK 50 OHM FOR 1/2 F CABLE	
	▽=0	3 PLACES ± --- ± ---	MXU11 2012/11/26	CHECKED BY DATE	molex	
		2 PLACES ± --- ± ---	LCHEN03 2013/07/03	APPROVED BY DATE	SD-73141-108	SHEET NO. 1 OF 2
		1 PLACE ± --- ± ---	SRZHAO 2013/09/25	MATERIAL NO.	DOCUMENT NO.	
		0 PLACE ± --- ± ---		SEE TABLE		
		ANGULAR ± 2 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

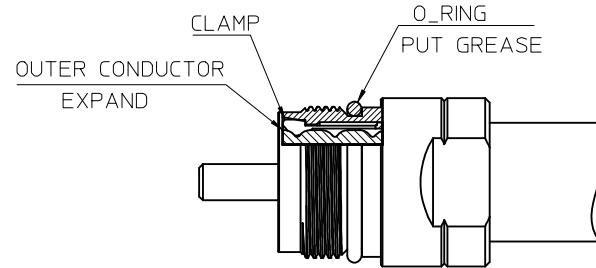
PS-89675-322	PRODUCT SPECIFICATION
IEC 60169-16	INTERFACE
SPECIFICATION	DESCRIPTION

1. STRIP CABLE AS SHOWN.

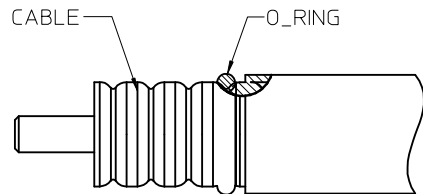
1/2 FLXIBLE CABLE



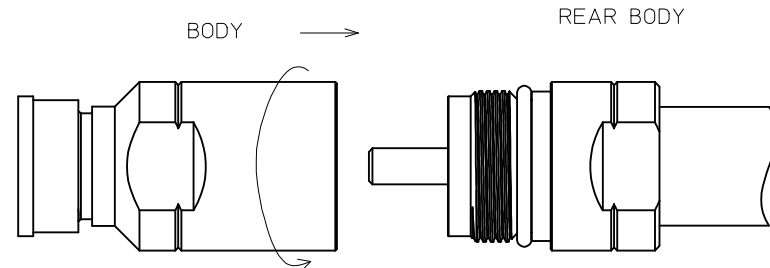
3. SET BACK DOS SHELL ON CABLE,
KEEPING CLAMP STOPPED ON BOTTOM OF
WAVE AS INDICATED IN DIAGRAM.
EXPAND OUTER CONDUCTOR TO MAKE IT CLING
INSIDE SURFACE OF CLAMP.



2. PLACE THE O_RING ONTO CABLE AS SHOWN



4. KEEPING REAR BODY STOPPED,
SCREW DOWN BODY ONTO REAR BODY.
USING MONKEY WRENCH.



CHG: SEE SHEET 1 EC NO: URF2015-0677 DRW: MXU11 CHKD: APPR: MYE08 2015/06/01 2015/06/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	METRIC	N JACK 50 OHM FOR 1/2 F CABLE molex	SHEET NO. 2 OF 2
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	MXU11 2012/11/26	SEE SHEET 1		
▽=0	2 PLACES ± --- ± ---	CHECKED BY DATE	SD-73141-108			
		1 PLACE ± --- ± ---	LCHEN03 2013/07/03			
		0 PLACE ± --- ± ---	APPROVED BY DATE			
		ANGULAR ± 2 °	SRZHAO 2013/09/25			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.		
A1			SEE SHEET 1			
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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PLATED TRI-M

REAR BODY, CABLE CLAMP: BRASS,
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PLATED SILVER

INSULATOR: TEFLON

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COMPATIBLE COAXIAL CABLE:
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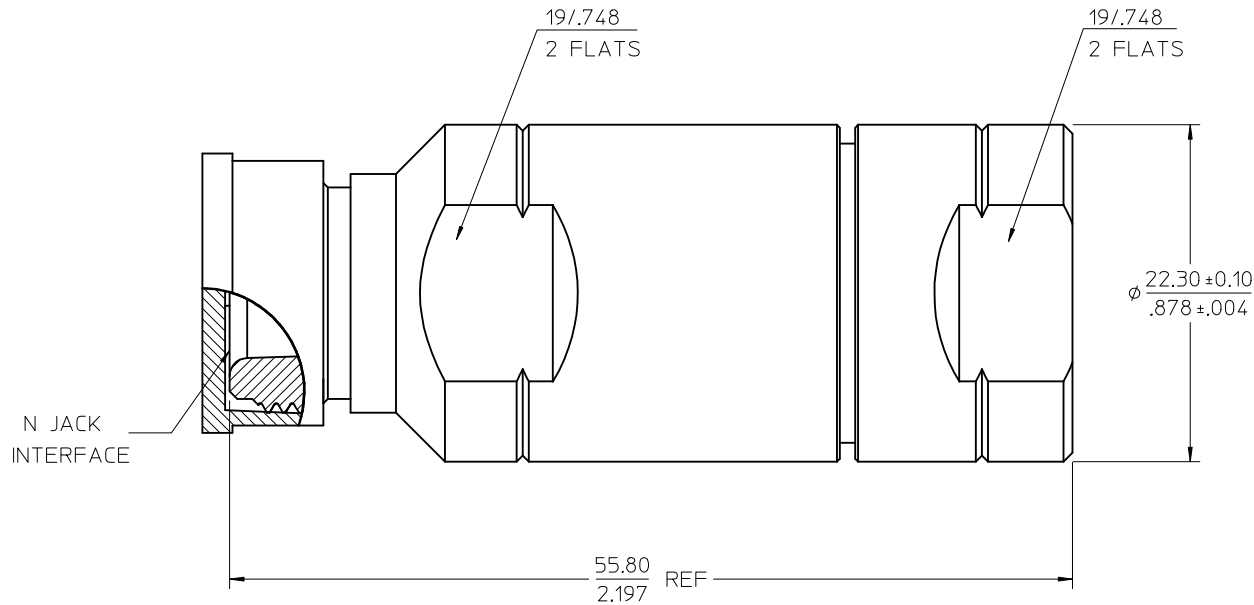
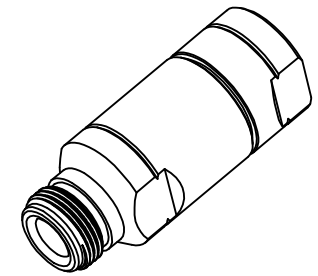
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PIM7 (2x43dBm): $\leq -145\text{dBm}$ @2100MHz

WATER-PROOF: IP68 WHEN MATED



O_RING

N JACK
INTERFACE

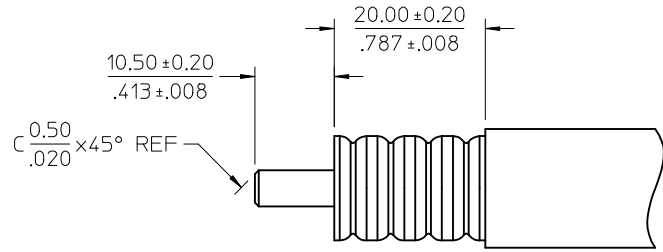
73141-1082	BOX/89797-0410
73141-1081	BOX/89797-0530
73141-1080	BLANK
PART NO.	PACKING

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	▽=0	mm INCH	MM/IN	Metric	Metric	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	N JACK 50 OHM FOR 1/2 F CABLE	
	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE	molex		
		2 PLACES ± --- ± ---	LCHEN03 2013/07/03	SD-73141-108		
		1 PLACE ± --- ± ---	APPROVED BY DATE	SHEET NO. 1 OF 2		
		0 PLACE ± --- ± ---	SRZHAO 2013/09/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR ± 2 °	MATERIAL NO.	DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			

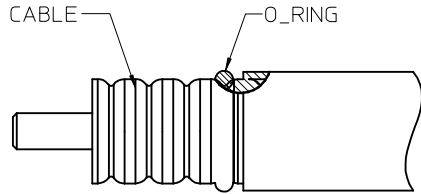
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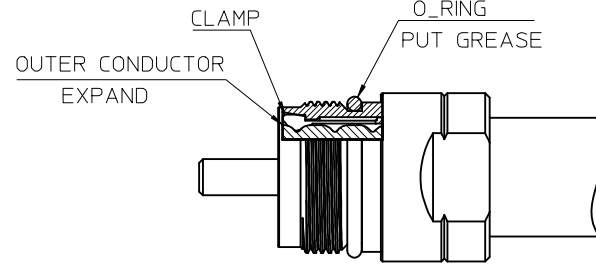
1/2 FLXIBLE CABLE



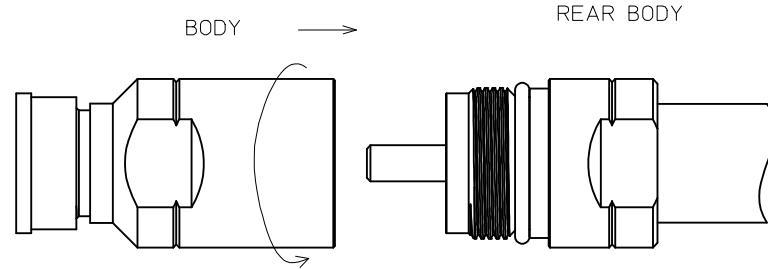
2. PLACE THE O_RING ONTO CABLE AS SHOWN



3. SET BACK DOS SHELL ON CABLE,
KEEPING CLAMP STOPPED ON BOTTOM OF
WAVE AS INDICATED IN DIAGRAM.
EXPAND OUTER CONDUCTOR TO MAKE IT CLING
INSIDE SURFACE OF CLAMP.



4. KEEPING REAR BODY STOPPED,
SCREW DOWN BODY ONTO REAR BODY.
USING MONKEY WRENCH.



CHG: SEE SHEET 1	2015/06/01
EC NO: URF2015-0677	2015/06/01
DRW:MXU11	
CHKD:	
APPR:MYE08	
REV	DESCRIPTION
A1	

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE
MM/IN		
DRAWN BY	DATE	TITLE
MXU11	2012/11/26	N JACK 50 OHM FOR 1/2 F CABLE
CHECKED BY	DATE	
LCHEN03	2013/07/03	molex
APPROVED BY	DATE	
SRZHAO	2013/09/25	DOCUMENT NO.
SEE SHEET 1		SD-73141-108
SIZE		SHEET NO.
C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 2