

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1300970161](#)
Status: **Active**
Overview: [brad_wire_mesh_grips](#)
Description: Deluxe Cord Grips Strain Relief, 1/2" NPT, Straight Female, Cable Diameter 6.35-7.93mm (.250-.312")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR32159
UL E76954

General

Product Family Cable Grips
Series [130097](#)
Eye Type N/A
Hazardous Locations Class I, Div. 2, Class II, Div. 1 and 2, Class III, Div. 1 and 2

Insulated No
O-Ring No
Overview [brad_wire_mesh_grips](#)
Product Name Deluxe Cord
Type Strain Relief Grips
Use With [1300990143](#) 1/2" NPT MAX-LOC® Lock Nut, [1300990149](#) 1/2" NPT MAX-LOC® Gasket

Woodhead Yes

Physical

Approximate Break Strength N/A
Bale Length 0.057m (2.25")
Body Style Straight
Cable Diameter 6.35-7.93mm (.250-.312")
Color - Grommet N/A
Gender Female
Material - Body Aluminum
Material - Grip Stainless Steel
Mesh Length 0.114m (4.50")
Number of Holes N/A
Strain Relief Force 35 lbs
Thread Size 1/2" NPT

Material Info

Old Part Number 36251

Reference - Drawing Numbers

Sales Drawing SD-130097-004



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Halogen-Free
Status**

China RoHS



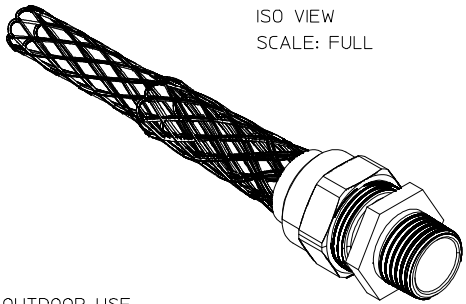
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

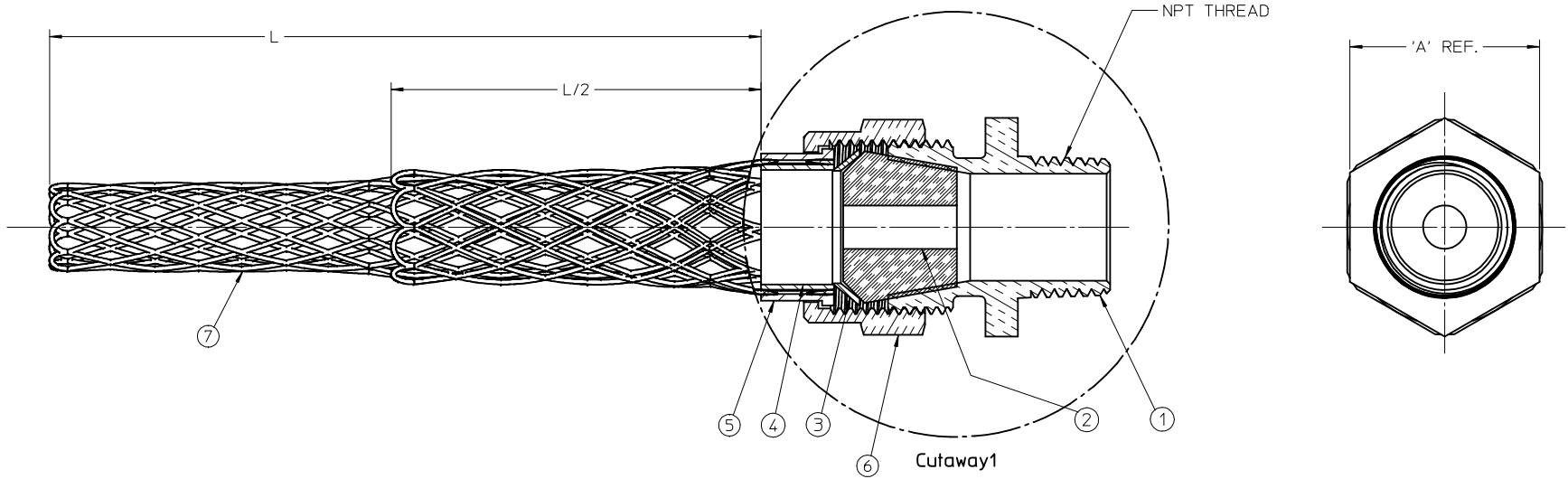
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[130097Series](#)

PART NO.	ENGINEERING NO.	CABLE RANGE	THREAD SIZE	'A' HEX	'L' LENGTH	L/2 LENGTH
1300970250	36490	.19-.25 / 4.8-6.4	3/8 NPT	.88 / 22.4	4.25 / 108.0	2.13 / 54.0
1300970225	36430	.25-.31 / 6.4-7.9				2.13 / 54.0
1300970226	36431	.31-.38 / 7.9-9.7				2.13 / 54.0
1300970227	36432	.38-.44 / 9.7-11.2			5.50 / 140.0	2.75 / 69.9
1300970160	36250	.19-.25 / 4.8-6.4	1/2 NPT	1.09 / 27.7	4.00 / 102.0	2.00 / 51.0
1300970161	36251	.25-.38 / 6.4-9.7			4.50 / 114.0	2.25 / 57.0
1300970163	36254	.38-.50 / 9.7-12.7			6.25 / 159.0	3.13 / 79.5
1300970165	36256	.50-.63 / 12.7-16.0			7.00 / 178.0	3.50 / 89.0
1300970156	36245	.63-.75 / 16.0-19.0				
1300970157	36246	.75-.88 / 19.0-22.4				
1300970166	36257	.25-.38 / 6.4-9.7	3/4 NPT	1.15 / 29.2	5.63 / 143.0	2.82 / 71.5
1300970167	36259	.38-.50 / 9.7-12.7			6.25 / 159.0	3.13 / 79.5
1300970168	36261	.50-.63 / 12.7-16.0			7.00 / 178.0	3.50 / 89.0
1300970170	36263	.63-.75 / 16.0-19.0			9.50 / 241.3	4.75 / 120.7
1300970158	36248	.75-.88 / 19.0-22.4			9.25 / 235.0	4.63 / 117.5



- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. SUITABLE FOR INDORR & OUTDOOR USE
 4. SUITABLE FOR HAZZARDOUS LOCATIONS
CLASS 1 DIV.2, CLASS2 DIV. 1 & 2
CLASS 3 DIV. 1 & 2
 5. STAIN RELIEF FORCE: 35 LBS.
 6. ASSEMBLY IS RoHS COMPLIANT



7	1	WIRE MESH	ST. STEEL	
6	1	COMPRESSION NUT	ALUMINUM	
5	1	OUTER RING	ALUMINUM	
4	1	INNER RING	ALUMINUM	
3	1	FRICTION RING	STEEL	ZINC PLATED
2	2	GROMMET	RUBBER	BLACK
1	1	CORD GRIP BODY	ALUMINUM	
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

RELEASED EC NO: WNA2009-0602 DRAWN BY: DRWINSTONE CHKD BY: WOODMAN APPR: J. MURPHY A	2009/03/24 2009/04/01	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION					
						mm	INCH	DRAWN BY R. STONE DATE 2009/03/20		TITLE DELUXE CORD GRIP STRAIGHT, MALE THREAD						
					4 PLACES	± ---	± ---	CHECKED BY DATE								
					3 PLACES	± ---	± ---	B. WOODMAN 2008/03/24								
					2 PLACES	± ---	± .01	APPROVED BY DATE		molex MOLEX INCORPORATED						
					1 PLACE	± 0.3	± ---	J. MURPHY 2009/03/26								
					ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-130097-004		1 OF 1				
					SIZE C			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								