| Cable Assemblies |
| :--- |
| Item to be Scouted |

Item to be Scouted
Opportunities will be postedfor 30 days unless specified

Please describe the item application/ the end use of item.* Provide the item number if applicable: (N95 Mask vs Protective Mask).
Cable Assemblies used in robotics applications.

2021-115
Supplier Scouting Number (NIST MEP use)


|  |  | a. Type of supplier being sought* |
| :---: | :---: | :---: |
|  |  | $\square$ Manufacturer $\square$ Contract Manufacturer $\square$ Distributor <br> $\square$ Other   |
|  |  | b. Reason for scouting submission* |
|  |  | $\square$ 2 $^{\text {nd }}$ Supplier $\quad \square$ Price $\square$ Re-shore $\square$ Past supplier no longer available <br> $\square$ New Product Startup   <br> $\square$ Other   |
|  |  | a. Describe the manufacturing processes (elaborate to provide as much detail as possible).* |
|  |  | see additional comments section |
|  |  | b. Provide dimensions / size / tolerances / performance specifications for the item.* |
|  |  | 10AWG to 32AWG crimps and splicing. All dimensions for heat shrink, cable lengths, and other physical dimensions will be provided in the drawing. Quality inspections must be made per the dimensions in the drawing. |
|  |  | c. List required materials needed to make the product, including materials of product components.* |
|  |  | Please reference attached prints and pictures. All other information will be provided upon request during the quoting process. |




## NOTES:

1. CUT LED LEADS FROM ITEM0 TO .25"
2. SOLDERITEM (D TO LED LEADS AND LUGS OF ITEMO
3. USEMOLEX CRIMP TOOL 63819-4600 WITH MODULAR CRIMP HEAD 63819-4670
4. ALL CABLE ASSEMBLIES AND HARNESSES SHALL BE MANUFACTURED AND

| PIN OUT |  |  |
| :---: | :---: | :---: |
| ITEM0 | ITEMG_) | TWIST |
| CONTACTA | PIN 1 |  |
| CONTACTB | PIN 2 |  |
| LONG LEAD -t | PIN 3 | 2 TWISTS/INCH |
| SHORTLEAD - | PIN 4 |  |
|  |  |  |

## REVISIIOIN

MATERIAL N/A
CONDITION N/A







