|  |  | IIL-SPEC ELE <br> IIL-DTL-38999 SERIES | AL SOCK <br> D IV CONNECT | NTAC | 1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IMAGE | MILITARY PART NUMBER | ELLA ENGINEERING PART NUMBER | PIN/SOCKET | MATING END SIZE | TYPE | CLASS |
|  | M39029/56-348 | M056-348-22L | SOCKET | 22 | A | B |
|  | M39029/56-351 | M056-351-2OL | SOCKET | 20 | A | B |
|  | M39029/56-352 | M056-352-16L | SOCKET | 16 | A | B |
|  |  |  | SIZES 22 and 22M ONLY |  |  |  |
| MATERIAL AND FINISH \| SOCKET CONTACT: COPPER ALLOY/GOLD PLATED | SOCKET CONTACT HOOD: PASSIVATED STAINLESS STEEL |  |  |  |  |  |  |


| M39029/56 |  |  | CONTACT DIMENSIONS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { CONTACT } \\ \text { SIZE } \end{gathered}$ | MILITARY PART NUMBER | ELLA ENGINEERING PART NUMBER | $\begin{gathered} \mathrm{A} \\ (\mathrm{REF}) \end{gathered}$ | $\begin{aligned} & \varnothing B \\ & \text { MIN } \end{aligned}$ | $\varnothing C$ | $\varnothing \mathrm{D}$ | $\varnothing E$ | $\begin{aligned} & \text { øF } \\ & \text { MAX } \end{aligned}$ | $\varnothing$ G | H | J |
| 22 | M39029/56-348 | M056-348-22L/LE | . 855 | . 031 | $\begin{aligned} & .062 \\ & .060 \end{aligned}$ | $\begin{aligned} & .022 \\ & .018 \end{aligned}$ | $\begin{aligned} & .035 \\ & .0335 \end{aligned}$ | . 062 | $\begin{aligned} & .048 \\ & .046 \end{aligned}$ | $\begin{aligned} & .005 \\ & .003 \end{aligned}$ | $\begin{aligned} & .626 \\ & .616 \end{aligned}$ |
| 20 | M39029/56-351 | M056-351-20L | . 855 | . 0415 | $\begin{aligned} & .094 \\ & .091 \end{aligned}$ | $\begin{aligned} & .032 \\ & .026 \end{aligned}$ | $\begin{aligned} & .048 \\ & .046 \end{aligned}$ | . 078 | $\begin{aligned} & .070 \\ & .068 \end{aligned}$ | $\begin{aligned} & .010 \\ & .005 \end{aligned}$ | $\begin{aligned} & .626 \\ & .616 \end{aligned}$ |
| 16 | M39029/56-352 | M056-352-16L | . 855 | . 064 | $\begin{aligned} & .130 \\ & .127 \end{aligned}$ | $\begin{aligned} & .042 \\ & .036 \end{aligned}$ | $\begin{aligned} & .068 \\ & .066 \end{aligned}$ | . 113 | $\begin{aligned} & .103 \\ & .101 \end{aligned}$ | $\begin{aligned} & .010 \\ & .005 \end{aligned}$ | $\begin{aligned} & .626 \\ & .616 \end{aligned}$ |


| M39029/56 |  |  | CONTACT DIMENSIONS (CONTINUED) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { CONTACT } \\ & \text { SIZE } \end{aligned}$ | MILITARY PART NUMBER | ELLA ENGINEERING PART NUMBER | K MIN | L MIN | M | $\mathrm{N}^{\circ}$ | $\begin{aligned} & \varnothing P \\ & \text { MIN } \end{aligned}$ | S | BAND | $\begin{gathered} 2^{\text {ND }} \\ \text { BAND } \end{gathered}$ | $\begin{gathered} \text { 3RD } \\ \text { BAND } \end{gathered}$ |
| 22 | M39029/56-348 | M056-348-22L/LE | . 141 | . 585 | N/A | $\begin{aligned} & 50^{\circ} \\ & 44^{\circ} \end{aligned}$ | . 047 | $\begin{aligned} & .237 \\ & .231 \end{aligned}$ | Orange | Yellow | Gray |
| 20 | M39029/56-351 | M056-351-20L | . 209 | . 585 | $\begin{aligned} & .078 \\ & .072 \end{aligned}$ | $\begin{aligned} & 47^{\circ} \\ & 40^{\circ} \end{aligned}$ | . 053 | $\begin{aligned} & .237 \\ & .231 \end{aligned}$ | Orange | Green | Brown |
| 16 | M39029/56-352 | M056-352-16L | . 209 | . 585 | $\begin{aligned} & .088 \\ & .082 \end{aligned}$ | $\begin{aligned} & 47^{\circ} \\ & 40^{\circ} \end{aligned}$ | . 084 | $\begin{aligned} & .237 \\ & .231 \end{aligned}$ | Orange | Green | Red |

