

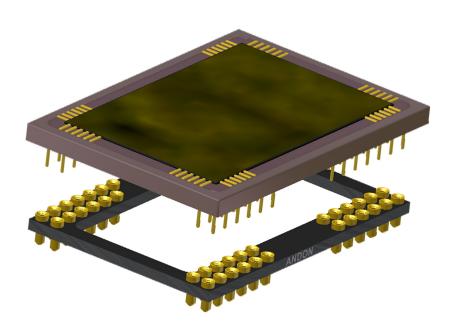




RoHS Compliant ISO 9001 Certified

# HIGH RELIABILITY IMAGE SENSOR SOCKETS FOR





Featuring Andon's Unique Senstac<sup>™</sup> Contact

US Digital is a trade mark of US Digital



### **Sockets**

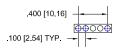




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Certified

| US DIGITAL COMPANY              |                                                    |                             |      |               |                  |                |  |  |  |  |  |
|---------------------------------|----------------------------------------------------|-----------------------------|------|---------------|------------------|----------------|--|--|--|--|--|
| US DIGITAL COMPANY Model Number | Andon Part Number Replace "XXX" with Terminal Type | Terminal Type Surface Mount |      | Pin Ø<br>[in] | Figure<br>Number | Page<br>Number |  |  |  |  |  |
| EM2                             | C10-005-05-02-XXX-R27-L14                          | 295V                        | 439V | .030          | 1                | 1              |  |  |  |  |  |

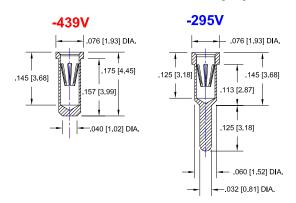
Heat sink socket available to reduce heat and noise. Contact Andon for details.



#### FIG.1

Thru-Hole: C10-005-05-02-295V-R27-L14 Surface Mount: C10-005-05-02-439V-R27-L14

## Socket Terminal Details Cross Section View Shown Units: in [mm]



#### Material:

Insulator: Hi-Temp UL 94V-O Terminal: Brass, per ASTM-B16 Contact: BeCu, Per ASTM-B194 Plating: RoHS COMPLIANT

R15 TERMINAL: GOLD / CONTACT: GOLD R17 TERMINAL: TIN / CONTACT: GOLD OTHER PLATINGS AVAILABLE

| Terminal Acceptance and Forces |                         |                    |                     |                              |                         |                    |                     |  |  |  |  |
|--------------------------------|-------------------------|--------------------|---------------------|------------------------------|-------------------------|--------------------|---------------------|--|--|--|--|
| Thru Hole Terminals            |                         |                    |                     | Surface Mount Terminals      |                         |                    |                     |  |  |  |  |
| Thru Hole<br>Terminal          | Accepts Pin<br>Diameter | Insertion<br>Force | Withdrawal<br>Force | Surface<br>Mount<br>Terminal | Accepts Pin<br>Diameter | Insertion<br>Force | Withdrawal<br>Force |  |  |  |  |
| -295V                          | Ø.040 [Ø1.02]           | 36.0 oz Avg.       | 3.9 oz Min          | -439V                        | Ø.040 [Ø1.52]           | 36.0 oz Avg.       | 3.9 oz Min          |  |  |  |  |

MOUNTING OPTIONS

PCB
THRU-HOLE

SURFACE MOUNT

PCB
ULTRA
LOW PROFILE
THRU-HOLE
THRU-HOLE

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"ANDON PROPRIETARY INFORMATION"
ROHS Compliant

\*Sockets are not drawn to scale US DIGITAL COMPANY 6/15/2015