



ANDON
INTERCONNECTION SPECIALISTS

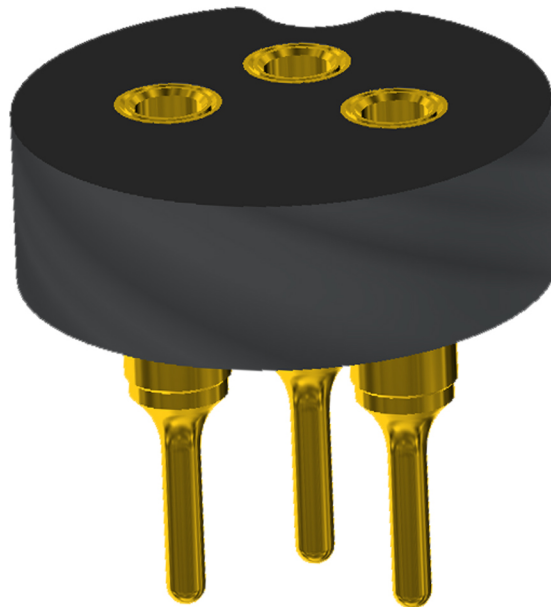


RoHS Compliant
ISO 9001
Certified

HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR



ONDAX



Featuring Andon's Unique Senstac™ Contact

ONDAX is a trade mark of ONDAX

ONDAX						
ONDAX Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
CP-405-PLR12	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-405-PLR40	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-406-PLR12	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-406-PLR40	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-40X-PLR12	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-40X-PLR25	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-40X-PLR40	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-785-PLR500-2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
CP-830-PLR500	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-685-PLR45-2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-687-PLR45-2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-689-PLR45	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-691-PLR45	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-780.25-PLR80-T	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-785-PLR80	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-785-PLR100	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
BF-785-PLR600-FC/PC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-787-PLR80	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-808-PLR170	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-636-PLR09	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-638-PLR09	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-638-PLR20	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-638-PLR32	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-640-PLR09	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-640-PLR20	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-640-PLR32	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-656-PLR35	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-658-PLR35	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-660-PLR35	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-403-PLR9	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-405-PLR9	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-407-PLR9	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-654-PLR35	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-662-PLR35	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-683-PLR45	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-685-PLR45	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-780.25-PLR80	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-781-PLR80	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1
TO-783-PLR80	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	1

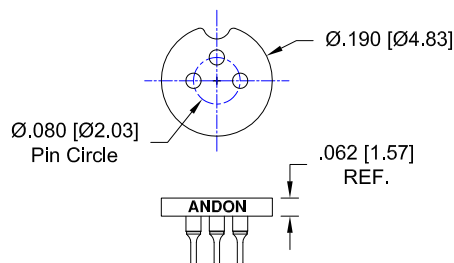


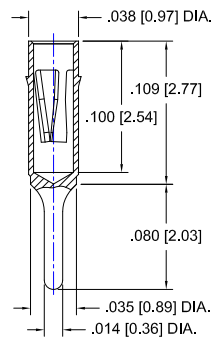
Fig. 1

Thru-Hole: R080-0403-01N-274K-R27-L14
Surface Mount: R080-0403-01N-281K-R27-L14

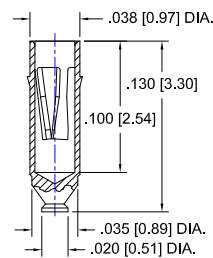
ONDAX Continued

Top View Shown
Units: in [mm]

- 274U



- 281U



Technical Information

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

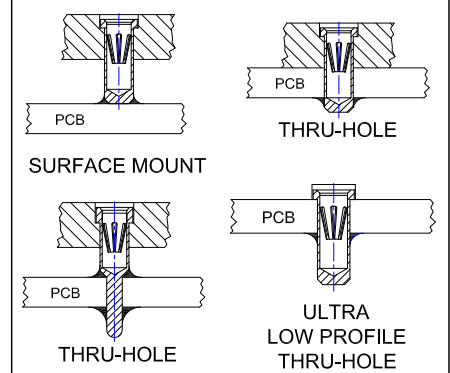
R17 TERMINAL: TIN / CONTACT: GOLD

OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces

Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-274U	Ø.018 [Ø0.46]	2.8 oz Avg.	0.5 oz Min	-281U	Ø.018 [Ø0.46]	2.8 oz Avg.	0.5 oz Min

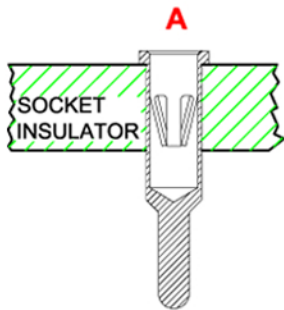
MOUNTING OPTIONS



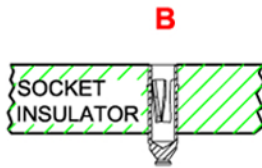
"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale ONDAX 02/9/2016

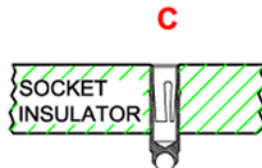
Mounting Options



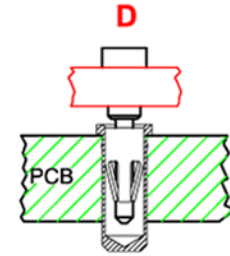
THRU-HOLE



SMD-FLAT FOOT



ROLLERBALL



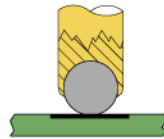
PCB FOR THRU-HOLE
INSULATOR FOR SMD

**CARRIER
WITH OR WITHOUT
SOLDER
WASHER**



**PIN SOCKET
BULK
WITH OR WITHOUT
SOLDER
WASHER**

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

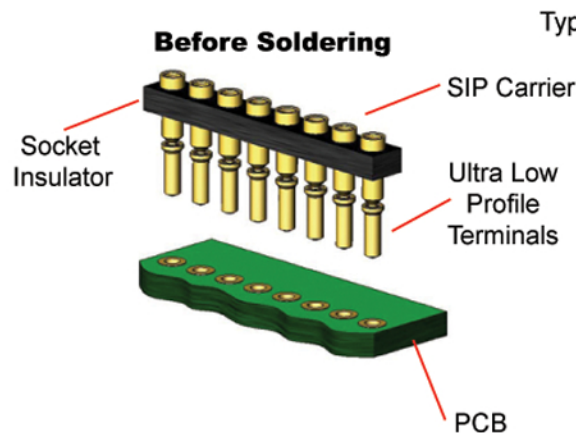
**ROLLERBALL®
SOCKET**



AFTER SOLDERING

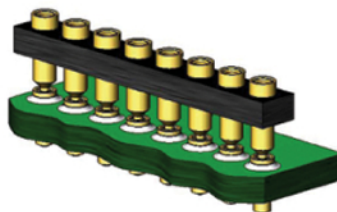
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY

Before Soldering

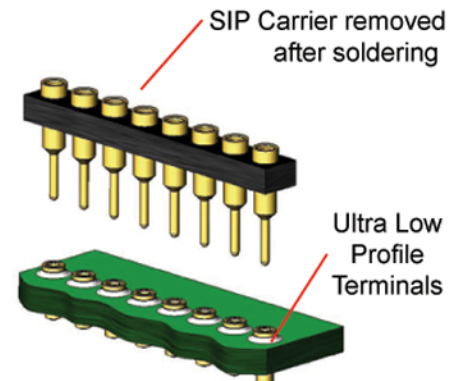


Type D

During Soldering



After Soldering



Available with or without solder washer